



IFIP TC-6
Communication Systems
Meeting 93 / 2

Sofia, Bulgaria
15 - 16 October 1993

Meeting Documents

The Meeting Documents distributed at the time of the meeting are to be considered as an integral part of the minutes of the meeting

IFIP TC-6 Meeting Attendance (Short Version); 93/2 (Sofia, Bulgaria)

Argentina	SANTOS Jorge	Apology
Australia	HOUSLEY Trevor	Present
Austria	POSCH Reinhard	Apology
Belgium	DANTHINE André	Apology
Brazil	TAROUCO Liane	Observer, Present
Bulgaria	BOYANOV Kiril	Present
Canada	To be named	
P R China	HU Dao-Yuan	No information
Czech Republic	To be named	
Denmark	IVERSEN Villy Baek	Probably (phone call)
Finland	MARTIKAINEN Olli	Present
France	TOHME Samir	Present
Germany	SPANIOL Otto	Present
Greece	To be named	
Hungary	SZENTIVANYI Tibor + his successor	Both of them present
India	Raghavan S. V.	Apology
Israel	SHARON G.	No information
Ireland	To be named	
Italy	LE MOLI Gesualdo	No information
Japan	SAITO Tadao	No information
Netherlands	WAUMANS	Apology
New Zealand	HUNT, L. Ray	Apology
Nigeria	JAIYESIMI Samuel B.	No information
Norway	ELIASSEN Frank	Apology
Poland	SOBCZAK Wojciech.	Apology
Portugal	CASACA Augusto	Present
SEARCC	To be named	(Omar Charles)
Slovak Republic	FABIAN Karol	Apology
Rep South Africa	KOEN Koos	Present
Spain	RIERA Juan	Apology
Sweden	KHAKHAR Dipak	Present
Switzerland	RUDIN Harry	Apology
Syria	KIWAN Fayez	No information
Tunisia	KAMOUN Farouk	Present
UK	RADFORD Peter	Apology
USA	UHLIG Ronald P.	Apology
Zambia	MWALE Moses	No information
Zimbabwe	ABRAMS Arthur	No information
WG 6.1	RUDIN Harry (Switzerland; see delegate list)	
WG 6.4	PUJOLLE Guy	Present
	CABANEL Jean-Pierre	No information, unlikely
WG 6.5	Stefferd Einar	Present
	HUITTEMA Christian	No information, unlikely
WG 6.6	ZIMMER Wolfgang	Present
TG Broadband	CASACA Augusto (Portugal; see delegate list)	
TG Performance	PERROS Harry	Apology
	TAKAHASHI Yutaka	Apology
TG Wireless	PUZMAN Josef	Present
TG Int. Netw.	MARTIKAINEN Olli (Finland; see delegate list)	
ICCC Observer	UHLIG Ron	Apology
ALVAREZ Angel	(Cognizant officer)	Apology



IFIP TC6 (Communication Systems)

Meeting 93/2, 15+16 October 1993, Sofia (Bulgaria)

Provisional agenda:

ITEM	SUBJECT	RESPONSIBLE
1	Attendance and Membership	<i>TC-6 Chairman</i>
2	Final Agenda	<i>TC-6 Chairman</i>
3	Approval of Versailles Minutes (Meeting 93/1); Action point list. [Copy of 93/1 minutes: see appendix of 93/2 meeting documents]	
4	Report from IFIP GA (Tokyo, September 93)	<i>TC-6 Chairman</i>
5	Finance	<i>D. Khakhar</i>
6	Working Group Activities: - WG 6.1 - WG 6.4 - WG 6.5, in particular "Email Management" - WG 6.6	<i>H. Rudin</i> <i>G. Pujolle</i> <i>E. Stefferud</i> <i>W. Zimmer</i>
7	Membership in Working groups	<i>WG chairmen</i>
8	Task Groups: - Broadband Communications - Intelligent Networks - Performance Evaluation - Wireless Communications - Status of Task Groups	<i>A. Casaca</i> <i>O. Martikainen</i> <i>G. Pujolle</i> <i>J. Puzman</i>
9	IFIP TC 6 review	<i>O. Spaniol</i>
10	TC 6 Publications	<i>O. Spaniol</i>
11	Reports on past conferences: - LAN Management, Apr 93, Versailles - 3rd ISINM, Apr. 93, San Francisco - IBCN & Services, Apr 93, Copenhagen - PSTV XIII, Jun 93, Liège - 2nd Int. Conf. on ODP, 14-17 Sep 93, Berlin - Protocol Test Systems VI, 28-30 Sept., Pau, 1993 - DSOM IV, 5+6 Oct. 93, Long Branch - Network Information Proc. Systems, Oct 93, Sofia	<i>G. Pujolle</i> <i>W. Zimmer</i> <i>V. Iversen</i> <i>A. Danthine</i> <i>O. Spaniol</i> <i>H. Rudin</i> <i>W. Zimmer</i> <i>K. Boyanov</i>

- 12 Upcoming conferences:
- LAN Interconnection I, 20 -22 Oct. 93, Raleigh *G. Pujolle*
 - Data Comm Sys & Perf. V, 25-28 Oct 93, Raleigh *G. Pujolle*
 - FORTE 93, 26-29 Oct. 93, Boston *H. Rudin*
 - NOMS 94 ("It's a Small World"), 14 - 17 Feb 94, Orlando *W. Zimmer*
 - Broadband Comm. II, 2-4 March 1994, Paris *A. Casaca, S. Tohmé*
 - INDC '94, 18 - 21 Apr. 94, Funchal *A. Casaca*
 - Upper Layer Archit. + Appl., Barcelona, June 94 *E. Stefferud*
 - PSTV XIV, 7 - 10 June 94, Vancouver *H. Rudin*
 - HPN V, 27 June - 1 July 94, Grenoble *G. Pujolle, J.P.Cabanel*
 - Prot. for HSN IV, Vancouver, 10 - 12 August 94 *H. Rudin*
 - IFIP '94, Sep 94, Hamburg *R. Uhlig*
 - FORTE 94, 4 - 7 Oct. 94, Bern *H. Rudin*
 - SEACOMM '94, 4 - 6 Oct 94, Kuala Lumpur *O. Charles*
 - DSOM V, 10 + 11 Oct. 94, Toulouse *W. Zimmer*
 - Protocol Test Systems VII, 7 - 10 Nov 94, Tokyo *H. Rudin*
 - 3rd LAN+MAN Symp., 7 - 9 Dec 94, Kyoto *G. Pujolle*
 - Other activities by 6.1, 6.4, 6.5, 6.6 *WG chairmen*
- 13 TC-6 Activities in 1995
- AFRICOM III, 20 - 22 March 95, Durban *Each delegate*
 - Networks 95, 30 Dec 94 - 2 Jan 95, Madras, India *K. Koen*
 - Comnet 95 (96+ ?), Budapest *Raghavan*
 - ISINM IV *Hungarian delegate*
 - DSOM VI *6.6*
 - PSTV XV, 13-17 June 95, Warsaw *6.6*
 - FORTE 95 *6.1*
 - HPN VI *6.1*
 - PTS VIII *6.4*
 - Perf. of DCS VI, Istanbul(?), late 95 *6.1*
- 14 TC-6 Activities in 1996-98 *Task group PE*
- 15 TC-6 Meetings *Each delegate*
- [94/1, Portugal]; [94/2, Malaysia]; [95/1, South Africa]; [95/2 and others]
- 16 Updated Six Year Plan
- 17 TC-6 Publicity:
- IFIP Bulletin / IFIP Newsletter
 - TC-6 News in Computer Networks
 - IFIP Publication Committee Report
 - Publications, North-Holland Statistics
 - Nominations for Outstanding Services Award
- 18 Relations to other societies (ICCC,....) *Ron Uhlig*
- 19 Any other business

Appendix: Event request form, 93/1 minutes

IFIP TC-6 MEMBERSHIP

Official Sequence and Abbreviation Symbols as used in IFIP Publications

ARCC	ARCC	Hong Kong	HK	Panama	PA
Albania	AL	Hungary	H	Pakistan	PAK
Algeria	DZ			Papua New Guinea	PNG
Argentina	AR	Iceland	IS	Paraguay	PY
Australia	AUS	India	IND	Peru	PE
Austria	A	Indonesia	RI	Philippines	RP
		Iraq	IQ	Poland	PL
Bahamas	BS	Ireland	IRL	Portugal	P
Bahrain	BRN	Israel	IL		
Bangladesh	BD	Italy	I	Russia	RUS
Belgium	B				
Bolivia	BOL	Japan	J	Saudi Arabia	SA
Botswana	RB			Sierra Leone	WAL
Brazil	BR	Kenya	EAK	Senegal	SN
Bulgaria	BG	Korea, Republic	ROK	Singapore	SGP
		Kuwait	KWT	Slovak Republic	SR
Canada	CD			Spain	E
Chile	RCH	Latvia	LV	South Africa	ZA
China	PRC	Liberia	LB	Sri Lanka	CL
CLEI	CLEI	Liechtenstein	FL	Sweden	S
Colombia	CO	Lithuania	LT	Switzerland	CH
Cuba	C	Luxembourg	L		
Czech Republic	CR			Thailand	T
Cyprus	CY	Malawi	MW	Togo	TG
		Malaysia	MAL	Tunisia	TN
Denmark	DK	Malta	M	Turkey	TR
		Marocco	MA		
Ecuador	EC	Mexico	MEX	Ukraine	UKR
Egypt	ET	Monaco	MC	United Kingdom	GB
El Salvador	ES	Mozambique	MZ	United States	USA
Estonia	EE			Uruguay	ROU
		Nepal	NEP		
Finland	SF	Netherlands	NL	Venezuela	YV
France	F	New Zealand	NZ		
		Niger	RN	WARCS	WARCS
Gambia	WAG	Nigeria	WAN		
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- WG 6.6** **Secretary:**
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4-1-1 Miyazaka, Miyamae-Ku FAX: +81-44-856-2229
Kawasaki, Kanagawa 213 Email: <nakai@uwk.cl.nec.co.jp> ??
JAPAN

Task Groups

- A.** **Broadband Communication:**
CASACA Augusto (Portugal; see delegate list)
- B.** **Performance of Communication Systems:**
PERROS Harry, Prof. Dr. Tel.: +1-919-515 2041
Computer Science Department Home:
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- Co-chairman:**
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- C.** **Wireless Communications:**
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TESTCOM +42-2-7992111
Hvozdsanska 3 Home: +42-2-734918
CR-14800 Prague 4, Telex: 121 747, VUS C
Horni Roztyly FAX: +42-2-763211
CZECHIA
- D.** **Intelligent Networks:**
MARTIKAINEN Olli (Finland; see delegate list)

Otto,

I am sending you a fax with three (3) items;

- 1). My report to IFIP on Congress'94;
- 2). Charts shown at the GA in Tokyo on Congress'94;

	FYI registration will be:	Before 1/6/94	After 1/6/94
Delegates		790 S Fr.	890
Students		300	350

I understand about the TC-6 meeting in Malaysia, and would have made the same decision. Nevertheless, we have put together a radically different approach to a congress, and, hopefully some TC-6 members will want to come to Hamburg. Single day registration will also be possible, but I don't know what the fee will be. (ask Wilfried Brauer).

- 3). The ICCC Annual Report. Please note the apology to TC-6 re. the April'93 Broadband Conference in Copenhagen.

I will be the ICCC representative to TC-6. Since I expect that will allow me to maintain contact with TC-6, I believe I should resign as the FOCUS representative, (i.e. as the US delegate). The way things are going with my work, I do not expect to have the time to do an adequate job as a national representative to TC-6 and I think I should resign. What do you think of this?

Could you please comment soon, since I would like to do this before FOCUS has a meeting of national representatives to IFIPTCs on Oct. 22.

For this meeting, I will ask Dipak Khakhar to represent ICCC again.

Regards, Ron Uhlig

Dear Ron,

Thanks for solving the problem with ICCC representation. However, whereas that keeps you 'in the business' I would not be very glad if you would resign as US representative. Some years ago Piloty (former IFIP vice president) told me that he considered you as "the spirit of TC6" (I hope that this doesn't mean anything negative in English, in German language the formulation "die Seele von..." or "der Geist von..." is very positive.

Of course we understand your 'busy time' problems - and if it should turn out that you would have to miss almost every meeting then indeed we would have to think about such a situation. Despite a corresponding letter from the Canadian GA delegate we didn't get a representative from Canada. South America is not any more present in IFIP (such as Brazil) or present at TC6 meetings (such as Argentina). Thus, we urgently need delegates from America who can find the time to do some work for TC6. In that respect it is very positive that Einar Stefferud got a grant for participation to TC6 meetings in his function as WG 6.5 chair.

We shall discuss the problem in Sofia; let's see what will be the outcome.

Best wishes Otto

1.10

NJSZT

JOHN V. NEUMANN SOCIETY FOR COMPUTING SCIENCES

BUDAPEST V., BATHORI U. 16. ☎ H-1362 BUDAPEST 5. P.O.S. 343 ☎ TELEX: 22 3722 ☎ PHONE: +36 1 132 5249, +36 1 132 5390 ☎ FAX: +36 1 131 8142

silver jubilee 25
1.10a

Budapest, 06.10.1993.

Prof. Dr. Otto Spaniol
IFIP TC6 Chairman

c/o TU Aachen, Lehrstuhl f. Informatik IV
Ahornstrasse 55
D-5100 Aachen

Dear Mr. Chairman,

I had hoped to meet you at GA Tokyo but it didn't quite work out that way. The question I would have liked to raise was concerning the succession to Tibor Szentiványi's place as Hungarian delegate in TC6.

As far as I know he had, though in an informal way, indicated to you that he would soon quit his position. Accordingly, we have for some time been looking for a replacement.

Tibor has for long years been an active member and, more recently, secretary of TC6 and we think not only has he fulfilled his duty to satisfaction but indeed has played an active role in shaping the profile of TC6 and has made creditable contributions to the cause of networking. Suffice it to refer in this context to the series of COMNET conferences staged by him which among other benefits also has enhanced the reputation of our country. The services he has been rendering to IFIP and to our Society have been recognized by several prizes and awards including Silver Core.

While it is a great loss for all parties involved that he discontinues his TC6 activities, we have to accept that after many years of wear and tear he feels like stepping down and we all wish him well and thank him for his efforts and achievements.

Tibor intends to officially resign at your Sofia meeting and also to present as his successor the delegate of the John v. Neumann Society to TC6, Mr. István Tétényi whose nomination I am glad to hereby confirm.

- 2 -

1,106

István is both a recognized member of the Hungarian communications community and an active member of our Society. His position held at the Research Institute for Computing and Automation enables him to actively participate in the work of TC6. I am therefore confident that although initially he will certainly lack the kind of experience Tibor has built up over many Years, with your support and guidance he will be able to make a good job of it.

Hoping that this arrangement is satisfactory, I wish you further success in your TC6 activities.

Best regards



(Csaba Gergely)
GA representative

(7.77)

Date: Thu, 09 Sep 1993 10:07:35 +1200
From: Ray Hunt <cosc035@csc.canterbury.ac.nz>
Subject: Re TC6 Meetings
To: spaniol@i4.informatik.rwth-aachen.de, ray@cosc.canterbury
Reply-to: ray@cosc.canterbury.ac.nz
Organization: University of Canterbury, NZ
Priority: normal

Otto -

Firstly I would like to offer my apologies as I will not be able to attend the Sophia meeting October 12-16. Further, in the minutes of the TC6 meeting in Trivandrum, India the comment was made about the lack of contribution made by some countries and a comment about New Zealand not having attended TC6 meetings.

As the TC6 representative for New Zealand (although only a corresponding member) I would like to attend TC6 meetings but of course I have no funding for travel or accommodation - many members are supported financially by their companies but such is not the case with this (and many Universities). A further complication is that being in a little country at the end of the world means that travel expenses are likely to be greater than for other members. Finally, the timing of meetings often fits well with Northern Hemisphere academic breaks but these are usually the bad times down here.

This message is not intended to be a grizzle! Rather it is to let you know that I receive the documentation (for which I am most appreciative) study it and pass it on to fellow colleagues in both Universities and to those in industry. Thus although I cannot take an active part in meetings, I believe that I am performing a valid and useful contribution to our profession by way of sharing TC6 activities.

Thus I would earnestly request that I be kept on as a Corresponding Member and not penalized for lack of attendance at meetings, thus contributing in alternative ways. I am in fact always looking for the opportunity to combine meetings when I am travelling, particularly when they are held in the Pacific/Asian region (eg with SEACOMM later next year).

You may wish to table these comments at the Sophia meeting along with my apologies. I wish all the members well and assume them that the TC6 documentation is received and disseminated with much interest and energy.

Kind regards

Ray Hunt

Fax +64-3-364-2999
Home ph. +64-3-337-1547
Work ph. +64-3-364-2347
Internet address ray@cosc.canterbury.ac.nz

To: cosc035@csc.canterbury.ac.nz,
spaniol@i4.informatik.rwth-aachen.de
From: "Otto Spaniol" <spaniol@i4.informatik.rwth-aachen.de>
Organization: Informatik IV * RWTH Aachen
Date: 9 Sep 1993 10:17:17MEZ-1
Subject: Re TC6 Meetings
Reply-to: spaniol@informatik.rwth-aachen.de
Priority: normal

1.12

Dear Ray,

thank you very much for your message. I regret that you can't make it for Sofia but I understand your reasons about it. I'm also quite satisfied that you carefully read the minutes and other documents.

Some smaller comments to your message:

- Meetings are not (!) scheduled according to academic breaks in the Northern Hemisphere. The next meeting, for example, is to be held on Oct. 15+16, but our lecturing period begins October 11. I'd like to skip the meeting for myself, unfortunately I can't do it being the chairman for some time. The same clash in timing is for the 94/1 meeting.
- We really try to organize meetings in different geographical regions (provided that we have a chance to find an organizer) and we expect that 'delegates from the neighbourhood' at least will attend. Thus we really expected to see you in Trivandrum (even if that place might be still nearer from Europe than from New Zealand). Meeting 91/2 was scheduled for Australia but had to be cancelled due to organisational problems (the conference which was planned together with the meeting had to be cancelled).
- We know that participation at a meeting is sometimes difficult and that finance is a big problem. For my part, I've always got finance only for one meeting per year (and the nearer one in geographical distance!). The second one had to be cancelled or paid by some other funds such as third party projects which could be convinced that they should pay also some money for things which are not directly connected to the project itself. From 1993, there is no financing any more from the government since there is really no money any more in Germany after the reunification. Nevertheless, I hope to survive that situation with some 'third party project' solutions but these also become more and more difficult since industry is less and less able and willing to support fundamental research. What we try to do is some kind of sport, namely to find very cheap flights; there are very good offers to all parts of the world including Australia and New Zealand - and I suppose that a similar situation is the other way round; of course, in economy class, not in business class.
- In some cases, a participation of delegates became possible because they accepted to give a one-day tutorial in the country. This allowed to pay for their stay in the country and for a part of their travel to the destination. This could also be a viable means for you in order to enable participation at some events in the future. You should indicate your favoured topics and/or make a concrete proposal for such a tutorial.

We would like very much if you could play an active role in the preparation of SEACOMM 94 in Malaysia. Please contact Trevor Housley (the delegate from Australia, address in the minutes); Trevor will act as a chairman for that event. The conference will be discussed in detail in Sofia. It would be very good to know that you accept to actively participate. It might be possible also to arrange a tutorial for you if we know about the topic.

Best regards
Otto Spaniol

1.13

Date: Fri, 10 Sep 1993 10:32:03 +1200
From: Ray Hunt <cosc035@csc.canterbury.ac.nz>
Subject: Re TC6 Meetings
To: spaniol@informatik.rwth-aachen.de
Reply-to: ray@cosc.canterbury.ac.nz
Organization: University of Canterbury, NZ
Priority normal

Dear Otto -

Thank you very much for your very detailed and informative reply. We all of course are under both local work pressures and difficulties in obtaining finance. I did look carefully at the possibility of attending Trivandrum but it turned out that the airfares were MORE expensive than simply going to Europe. Now I worked as a communications consultant for the airlines for many years but never understood the non-linear and inverse laws which dictate such matters.

It is extremely difficult for me to travel during the lecture time. However I am most interested in your suggestion about SEACOMM 94 as it comes in the last week of teaching for me for 1994 and I may well be able to plan around that. There is a good possibility that I could get funding as long as I present a paper (the usual rules for universities). As far as your suggestion on tutorials is concerned, this is another possibility - I regularly give seminars/tutorials in Hong Kong and Singapore but these are more directed to business training in the area of network design and technology rather than to the more theoretical and future view of networking.

Anyway I will contact Trevor in due course and make some suggestions regarding paper contributions and/or tutorials. I guess that a good example of this is that I have been asked to present at LAN-WAN 93 in Hong Kong in November this year where I will be giving two papers - one on the future of TCP/IP and OSI/GOSIP and the other on User Experience and the Design of Frame Relay Networks.

Good luck with the Sophia meeting and I will keep you copied on messages to/from Trevor. As far as I can tell Trevor does not have an internet address. Please let me know if this is not so, otherwise I will fax him.

Kind regards

Ray Hunt
Ray Hunt

Fax +64-3-364-2999
Home ph. +64-3-337-1547
Work ph. +64-3-364-2347
Internet address ray@cosc.canterbury.ac.nz

Date: Fri, 27 Aug 1993 22:58:41 +0000 (GMT)
From: trevor.housley@f914.n714.fido.zeta.org.au (Trevor Housley)
Subject: Trevor Housley Internet Address
To: spaniol@informatik.rwth-aachen.de

1.18

Dear Otto,

I subscribe to a BBS in Sydney which provides a method of getting through to Internet. It takes time - messages seem to take a few days to percolate through the networks. But it seems to work. I believe that my Internet address is as follows:

trevor.housley@f914.n714.z3.fidonet.org

Perhaps you can send me a message to see if it works. Please state the date when you receive your message from me. I am sending it on Friday evening 27 August 1993.

Jocelyn and I will be at the TC-6 meeting in Bulgaria. I have not heard anything from you so I assume you are quite happy to handle everything in TC-6 yourself. I am still happy to do whatever is necessary but I believe that it is your role to drive the relationship.

I look forward to seeing you in Sofia.

Regards,

Trevor Housley

----- Transcript of session follows -----
550 <trevor.housley@f914.n714.z3.fidonet.org.au>... Host unknown: Address family :

----- Unsent message follows -----
Return-Path: <SPANIOL@i4.informatik.rwth-aachen.de>
Received: from urmel.informatik.rwth-aachen.de by sally.informatik.rwth-aachen.de
(4.1/sally-2) id AA00110; Wed, 29 Sep 93 09:28:31 +0100
Received: from tom.informatik.rwth-aachen.de by urmel.informatik.rwth-aachen.de
(4.1/urmel-12) id AA22178; Wed, 29 Sep 93 09:28:15 +0100
Received: From IKARUS/WORKQUEUE by tom.informatik.rwth-aachen.de
via Charon-4.0A-VROOM with IPX id 100.930929092838.256;
29 Sep 93 10:28:27 -0100
Message-Id: <MAILQUEUE-101.930929092831.992@i4.informatik.rwth-aachen.de>
To: trevor.housley@f914.n714.z3.fidonet.org.au
From: "Otto Spaniol" <spaniol@i4.informatik.rwth-aachen.de>
Organization: Informatik IV * RWTH Aachen
Date: 29 Sep 1993 10:36:13MEZ-1
Subject: Another test, please ACK
Reply-To: spaniol@informatik.rwth-aachen.de
Priority: normal
X-Mailer: Pegasus Mail/Mac v2.0

Dear Trevor,

still no response from you on my ACK concerning your previous test message. By the way: Your email address is not really user friendly.

Best wishes and see you in Sofia
Otto

Date: 20 Aug 1993 18:21:26 U
From: "Radford Peter" <radfordp@gled.logica.co.uk>
Subject: IFIP TC6 meeting 93/2
To: "Boyanov Kiril" <boyanov@bgearn.bitnet>,
"Spaniol Otto"
<spaniol@informatik.rwth-aachen.de>

1.15

Apologies for not sending this earlier but I had hoped that the situation about my coming to the TC6 meeting in Sofia would become clearer.

There is work which may prevent me from coming because of the project schedules. There is a further complication in that I do not expect to be able to go to either the 94/2 or 95/1 meetings (for reasons of cost) and it may therefore be better for me to go to the 94/1 meeting.

I hope the situation will become clear soon but I am going on holiday for a couple of weeks as of tonight.

Date: Thu, 9 Sep 93 18:34 GMT
From: "Dr. Ronald P. Uhlig" <0002591777@mcimail.com>
To: spaniol <spaniol@informatik.rwth-aachen.de>
Subject: RE: Sofia conf. + meeting 93/2

Dear Otto,

I sincerely regret that I will be unable to come to Sophia for this conference in TC-6 meeting. I wish you all the best for the conference and the meeting.

Warm regards,
Ron

RPU/clg

Date: Fri, 10 Sep 1993 11:52:40 +0200
From: Reinhard Posch <rposch@iaik.tu-graz.ac.at>
To: spaniol@informatik.rwth-aachen.de
Subject: Re: Sofia conf. + meeting 93/2

> O I plan to attend
>
> X Sorry, I can't make it this time.
> As noticed already I have a paper at Luisville just at that day.
>

> //////////////////////////////////////
>

I am sorry but I am pretty sure to make it next time

Reinhard Posch (A)

Date: Tue, 14 Sep 1993 09:07:32 +0200
From: aalvarez@dit.upm.es (Angel Alvarez)
To: spaniol@informatik.rwth-aachen.de
Subject: Re: Sofia conf. + meeting 93/2

I will not go to Sofia, I am sorry ... I am afraid I am more of a 'nominal' TC cognizant officer than anything else.

On the matter of TC-6 review, I just want to mention what I believe may be an error. Somewhere there it is suggested that North-Holland should give out free copies of old publications to developing countries. But that has already been done for years. You can contact Stephanie Smit for more details if you want (s.smit@elsevier.nl)

Best regards,
Angel





Prof. Dr. Otto Spaniol, Techn. Univ. of Aachen, Germany

IFIP TC6: Report for IFIP General Assembly (Tokyo, 9/1993).

Period: July 1992 - July 1993.

Meetings held:	1992/2:	Trivandrum, India (October 30-31, 1992).
	1993/1:	Versailles, France (April 5-6, 1993).
Meetings scheduled:	1993/2:	Sofia, Bulgaria (October 15-16, 1993).
	1994/1:	Funchal, Portugal (with INDC 94)
	1994/2:	Kuala Lumpur, Malaysia (with SEACOMM)

Changes in membership:

New cognizant officer: A. Alvarez (Madrid; Spain)

New delegates have been nominated for:

Austria:	R. Posch (Graz)
Japan:	T. Saito (Tokyo)
Zambia:	M. Mwale (Lusaka).

T. Szentivanyi (Hungary) - the last founding member of TC6 who is still active in the committee - has resigned. A successor has already been nominated.

WG 6.5: The working group chairman (Einar Stefferud) will probably resign. It is unclear for the moment being whether the Vice-Chairman (Christian Huitema) will continue his work for IFIP. Succession planning will be a point of discussion for the next TC6 meeting.

America: Very low level of activity:

- No delegate from Canada (despite a letter obtained by the Canadian GA representative which announced the nomination of a delegate).
- No participation of any national delegate from North or South America since approx. two years. Abstinence may be explained by overload, financial problems, difficulty to reach meeting locations etc. Nevertheless, the first letter "I" within IFIP becomes more and more doubtful.

Remark:

TC6 becomes more and more dominated by academic people. This may be explained by:

- member countries make nominations independently of each other; thus decisions made by one country are not compensated by other countries nominations;
- delegates from industry have a relatively high 'renewal rate' (it is not unusual that their working area becomes significantly changed and that they have to give up their former engagements);
- in the actual economic situation there are less and less industrial employers who believe that they may afford additional work for IFIP on a voluntary basis; on the other hand, meeting attendance becomes more and more difficult to arrange for university people from a financial point of view.

The consequence is a lack of input and of new ideas which have to be contributed by 'real practice'. However, those ideas would be most important for IFIP's relevance.

List of activities organized last period:

Fifth International Workshop on Protocol Test Systems	9/92	WG 6.1
Formal Description Techniques (FORTE) V	10/92	WG 6.1
Distributed Systems Operation and Management	10/92	WG 6.6
Computer Networks, Architecture and Applications (Networks '92)	10/92	TC 6
High Performance Networking IV	12/92	WG 6.4
Modelling and Performance Evaluation of ATM Technology	1/93	WG 6.4 + Task Force 'Performance'
Advanced Information Processing Techniques for LAN and MAN management	4/93	WG 6.4 A
Integrated Network Management III	4/93	WG 6.6
Integrated Broadband Communication Networks and Services	4/93	TC 6 / ICC
Requirements and Techniques for Network Management	5/93	WG 6.6 / IEEE
Protocol Specification, Testing and Verification XIII	6/93	WG 6.1

List of publications issued (and scheduled):

<u>Editors:</u>	<u>Title:</u>	
Casaca	Broadband Communications	C-5
Tienari, Khakhar	Information Network and Data Communication IV	C-6
Linn, Üyar	Protocol Specification, Testing and Verification XII	C-8
Neufeld, Plattner	Upper Layer Protocols, Architectures and Applications	C-7
Pehrson, Gunningberg, Pink	Protocols for High Speed Networks III	C-9
Bochmann, Das, Dssouli	Protocol Test Systems V	C-11
Diaz, Groz	Formal Description Techniques V	C-10
Raghavan, Bochmann, Pujolle	Computer Networks, Architecture and Applications	C-13
Danthine, Spaniol	High Performance Networking IV	C-14
Perros, Pujolle, Takahashi	Modelling and Performance Evaluation of ATM Technology	to appear
Claudé	Advanced Information Processing Techniques for LAN and MAN Management	to appear
Hegering, Yemini	Integrated Network Management III	C-12
Iversen	Integrated Broadband Communication Networks and Services	to appear
Danthine, Leduc, Wolper	Protocol Specification, Testing and Verification XIII	to appear

Comment:

TC 6 is allowed to publish 8 proceedings per year but this number is too small. Ten publications have been scheduled for 1994 but even this increase is not sufficient.
See IFIP's publication policy - the view of TC 6 (enclosure).

List of activities scheduled:

Open Distributed Processing II	9/93	TC 6
Protocol Test Systems VI	9/93	WG 6.1
Network Information Processing Systems	10/93	TC 6
LAN Interconnection	10/93	WG 6.4
Data Comm. + Performance (High Speed Networks)	10/93	Task Group 'Performance'
Distributed Systems Operation and Management	10/93	WG 6.6
Formal Description Techniques (FORTE 93)	10/93	WG 6.1

[See 6-year plan for additional events].

Budget requests and outstanding loans:

TC6 is relatively healthy (when compared with other TC's). This is true for event proceeds (even if less and less events are profitable), for royalties (even if proceedings sales numbers are sharply decreasing) and for global TC6 funds.

No particular problem with budget - with one exception:

The size of requested loan and the sponsorship fee for SEACOMM 94 in Malaysia will have to be discussed at the occasion of meeting 93/2.

Comments on overall status of TC-6:

TC-6, its working groups and most of its 'task force' groups are very active. Most of the activity, however, is done on conference level, i.e. important topics are identified and invited as well as submitted papers are presented at this occasion. It is obvious that the outcome of that strategy is a little accidentally. Organisation of conferences becomes very risky from a financial point of view. Break even points are much too high. Workshops are easier to handle and apparently more interesting for many participants since the most innovative ideas are presented at these occasions. Workshops, however, will contribute little or nothing to IFIP's and TC-6's revenues (apart from proceedings royalties, if any).

Most active working groups (at conference level) are WG 6.1 (Architecture and Protocols) and WG 6.4 (Local and Metropolitan Area Networks).

WG 6.6 is organizing a series of workshops on 'Distributed Systems Operation and Management' (yearly) and an 'International Symposium on Integrated Network Management' (every two years). The latter conference is 'business-oriented'. Organisation cost and budget size are - to my opinion - already beyond the upper end of what may be tolerated by IFIP.

WG 6.5 is less active on a conference level; it organizes a major workshop on 'Upper Layer Protocols, Architectures and Applications' every second year. On the other hand, this Working Group has created a very interesting initiative called 'Electronic Mail Management Group' together with WG 6.6. A group charter and a work plan have been finalized and agreed upon by electronic mail consensus. Requests to join the group should be sent to <ifip-email-request@ics.uci.edu>. Postings should be sent to <ifip-email@ics.uci.edu>.

Out of the four task groups ('broadband communications', 'performance', 'wireless networks', intelligent networks') the former two are very productive. Workshops and even conferences are organized by those groups.

Working group memberships don't reflect the actual situation of active contributors. The present lists are more or less outdated. WG chairmen and national TC-6 delegates have been asked to present new lists but this needs time. Participation of WG-chairmen at TC-6 meetings is not always satisfactory.

Enclosure:

Updated six-year plan (as of July 1993).
IFIP's publication policy - the view of TC 6.



GA TOKYO 93
TREAS-1

TREASURER'S REPORT TO GA 93

As usual, the financial issues to be reported by the Treasurer are grouped under the following three headings:

- a) 1992 Result to be accepted by GA
- b) 1993 Prospects to be reviewed by GA
- c) 1994 Budget to be adopted by GA

1992 Result

The provisional 1992 figures were reported by the Treasurer to Council in Vienna March 93, cf. Minutes item 4.3 p.7-8. Subsequently, the provisional result was adjusted to a suggestion made by the Auditor to include under 1992 Expenses all expenses relating to 1992, and only such, provided that notification had been received by the Secretariat before the end of March 1993. This suggestion implied changed accounting for a total of 12 expense items (mainly insurance and pension premiums) and had a net effect of increasing 1992 Expenses - and thus decreasing 1992 Result - by 4.481.65 CHF, compared with the result reported to Council in Vienna.

The adjusted 1992 figures were reviewed by the Auditor and approved in his report dated 10 June 1993, enclosed as **TREAS-2**. This document contains, in addition to figures for 1992 Actual Audited, also for comparison figures for 1992 Budget Approved as well as 1991 Actual Audited.

The 1992 Result is commented in the Treasurer's section of the Annual Report 92/93.

1993 Prospects

Based on the detailed accounting, performed by our Administrative Manager under guidance from the Treasurer and the Auditor, quarterly reports have been prepared by the Treasurer to Executive Board and Finance Committee. The report for 1st quarter 1993 was distributed 25 April 1993, and the report as per end of 2nd quarter 1993 is enclosed as **TREAS-3**. **TREAS-3** contains, in addition to figures for Jan-Jun 1993 Actual Recorded, also for comparison figures for 1993 Budget Revised as well as a repeat from **TREAS-2** of 1992 Actual Audited (and finally, also figures for 1994 Budget Proposed are included, to be commented below).

TREAS-3 is structured in six pages in accordance with established practice and refers to more detailed status information as per 30 June in the following one-page documents:

- TREAS-4: Membership Dues**
- TREAS-5: Portfolio Valuation**
- TREAS-6: Event Finances**

5.2

The accounting for the first six months, compared with the same period last year, shows total income 19 % higher than last year, while total expenses are at the same level as last year. As briefly commented in the Treasurer's section of the Annual Report 92/93, 1993 Prospects indicate an operational result close to the revised budget.

Dues from Members may be reduced if the existing guideline for Dues written off is tightened, based on recent experiences, such that also Dues outstanding from countries being more than two – or even only one – year in arrears are written off. This issue will be addressed by Finance Committee, based upon more detailed information on past payment patterns, and reactions received to latest reminders.

Return on Assets declined from 53 K in 1st quarter to 19 K in 2nd quarter due to a decrease in portfolio income during 2nd quarter. Yet return during the first half of the year are more than double of what was achieved during the same period last year. Prospects for remaining quarters are hard to assess.

Royalties from Publications will only increase a few K, as the annual Elsevier royalty payment has been received in May. The figure is 2.6 % lower than a year ago.

Proceeds from Activities during the first six months of 1993 have improved compared to the very depressing figure a year ago. Apart from the guaranteed proceeds of 30,000 CHF from Congress 92, proceeds have been received from six TC-events as shown in TREAS-6. To what extent proceeds from other events have occurred and will be transferred to IFIP before year-end is not known to the Treasurer.

Expenses for the Administrative Secretariat may be expected to be almost as budgeted, unless some special measures are taken by GA 93.

The remaining expense groups follow a pattern of higher spending during the latter half of the year but may still be expected to be kept within 80–90 % of the total budget. However, it may be difficult to keep the Technical Support within the very tight revised budget, as the expenses have already reached 63 % of the total budget (and nearly twice the level reached last year).

In summary, the total income is estimated to reach close to 550 K CHF, while the total expenses are estimated to be around 600 K CHF, thus implying a deficit near 50 K +/- 25 K, provided no drastic changes are decided for Dues outstanding or otherwise.

1994 Budget

By letter of 10 May 1993 to all 12 TC/SG Chairmen the Treasurer informed in detail about the finances for each TC in 1992 and suggested figures for the 1994 budget. By end July no reactions have been received from the TC Chairmen. Based on available information, the Treasurer has drafted a 1994 Budget Proposed shown in the rightmost column of TREAS-3. This budget specifies income and expenses of 600 K CHF each, thus implying a balanced budget in line with the general requirement expressed by Finance Committee to Council in March. As usual this draft will be discussed by Finance Committee in its meeting held just prior to GA 93. This discussion will include any reactions received beforehand by the Treasurer and may lead to modifications being proposed to GA 93.

Aage Melbye, Treasurer
26 July 1992

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IFIP FINANCES, 1992
(updated 3 June 1993)

GA TOKYO 93
TREAS-2

Balance at the end of the Period		1992 ACTUAL AUDITED	1992 BUDGET APPROVED	1991 ACTUAL AUDITED
Currency: CHF	NOTE			
ASSETS		1,450,292.05	1,443,000	1,495,232.14
Bank Deposits		558,190.01	563,000	598,338.41
Current Account, Geneva		60,453.22	50,000	52,584.25
Current Account, London		484,221.89	500,000	532,399.86
Term Deposit Account, London		.00	0	.00
Blocked Accounts, Geneva		12,514.90	12,000	12,354.30
Blocked Account PTT Guarantee		1,000.00	1,000	1,000.00
Portfolio Investment		762,339.34	730,000	728,980.00
Notice Deposit Accounts		113,914.34	65,000	160,827.00
Securities at Book Value		613,647.25		572,460.65
Securities Evaluation		16,550.75		-22,009.65
Securities at Market Value		630,198.00	650,000	550,451.00
Accrued Dividends and Interest		18,227.00	15,000	17,702.00
Accounts Receivable		112,750.45	125,000	143,913.73
Dues outstanding		82,667.75	50,000	77,610.40
Dubious Dues written off		-30,200.00	-10,000	-24,700.00
Congress Loans outstanding		39,403.33	25,000	39,403.33
Congress 86 Loan Provision		-39,403.33	0	
TC Loans outstanding	16	48,750.00	60,000	38,000.00
Dubious Loans written off		.00	0	.00
Miscellaneous Receivables		5,900.00	0	13,600.00
Miscellaneous Paid in Advance		5,632.70	0	.00
Office Equipment		17,012.25	25,000	24,000.00
Acquisitions		43,839.25	50,000	36,796.00
Amortizations		-26,827.00	-25,000	-12,796.00
LIABILITIES		82,427.33	50,817	60,548.91
Accounts Payable		82,427.33	50,817	60,548.91
Grants not yet disbursed		5,500.00	25,000	12,500.00
Income received in advance		2,525.00	0	20,575.00
DC-Support received in advance		11,138.91	15,000	12,820.41
Accrued Liabilities		63,263.42	10,817	14,653.50
FUNDS		1,367,864.72	1,392,183	1,434,683.23
Special Funds		182,167.16	190,101	188,788.31
Developing Countries Fund		20,000.00	18,500	18,500.00
TC Funds	15	162,167.16	171,601	170,288.31
General Fund				
Balance carried forward		1,245,894.92	1,245,895	930,300.01
Final Result of the period		-60,197.36	-43,813	130,885.91
Contingency Fund transferred		.00	0	137,000.00
Activity Development Fund transf.		.00	0	47,709.00
Balance to be carried forward		1,185,697.56	1,202,082	1,245,894.92
Total Balance (Liabilities + Funds)		1,450,292.05	1,443,000	1,495,232.14

5.8

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IFIP FINANCES, 1992
(updated 3 June 1993)

GA TOKYO 93
TREAS-2

Income and Expenses during the Period		1992	1992	1991
Currency: CHF	NOTE	ACTUAL AUDITED	BUDGET APPROVED	ACTUAL AUDITED
I N C O M E		544,973.14	601,000	752,804.76
Dues from Members		271,950.00	285,000	238,050.00
Dues invoiced current year		277,450.00	285,000	254,250.00
Adjustment to dubious outstanding dues		-5,500.00	0	-16,200.00
Return on Assets		105,181.37	70,000	110,727.30
Bank Deposits Income		31,218.02	30,000	33,769.28
Portfolio Investment Income		61,417.41	50,000	88,611.92
Portfolio Management Fees		-5,681.06	-6,000	-5,899.90
Adjustments Accrued Dividends		18,227.00	-4,000	-5,754.00
Royalties from Publications		140,924.45	180,000	175,813.25
TC Publications	9	135,908.35	171,000	168,256.20
Other Royalties from Elsevier		5,016.10	9,000	7,557.05
Other Royalties		.00	0	.00
Proceeds from Activities		26,917.32	66,000	228,214.21
TC Event Proceeds	10	24,517.32	66,000	115,699.96
Congress Proceeds		.00	0	110,114.25
IMIA Secretariat Services		2,400.00	0	2,400.00
E X P E N S E S		572,388.32	643,500	541,943.44
Administrative Secretariat		417,075.60	400,000	383,314.89
Staff	1	204,776.25	206,200	184,460.70
Premises	2	34,712.25	36,000	32,585.90
Communications	3	45,311.62	39,100	36,878.07
Supplies and Documents	4	93,569.98	75,000	84,607.67
Other Office Expenses	5	38,705.50	43,700	44,782.55
Administrative Support		42,029.44	69,000	42,322.02
Executive Board	6	5,640.64	15,000	7,496.95
Standing/AdHoc Committees	7	23,167.20	34,000	11,271.60
Appointed Officers	8	13,221.60	20,000	23,553.47
Technical Committees		70,930.03	81,000	54,948.83
Operating Expenses	11	55,544.70	81,000	52,051.08
TC N Funded Expenses	14	15,385.33	0	2,897.75
Technical Support		42,353.25	93,500	61,357.70
TC Event Support	12	22,500.00	50,000	34,000.00
TC Officers Support		8,500.00	20,000	16,450.00
TC Review Support		853.25	5,000	.00
Funded Special Activities		3,000.00	0	3,247.70
Developing Countries Support		7,500.00	18,500	7,660.00
R E S U L T		-27,415.18	-42,500	210,861.32
Special Funds Provisions		-6,621.15	1,313	79,975.41
Provision Developing Countries Fund		1,500.00	0	8,806.00
TC N Fund Provision-Funded Expenses	13,14	-8,121.15	1,313	71,169.41
Congress 86 Loan Provision		39,403.33	0	
General Fund Provision (Final Result)		-60,197.36	-43,813	130,885.91

IFIP FINANCES, 1992
(updated 3 June 1993)

GA TOKYO 93
TREAS-2

Admin. Expense Specification (Notes 1-8)	NOTE	1992 ACTUAL AUDITED	1992 BUDGET APPROVED	1991 ACTUAL AUDITED
Currency: CHF				
1 Salaries		143,418.80	140,000	132,412.80
Fees for Help		8,039.50	8,000	8,067.50
Social Security and Pension		39,967.00	40,000	32,775.75
Staff Insurances		4,112.20	7,200	2,960.80
Staff Travel Expenses		9,238.75	11,000	8,243.85
2 Rent		33,752.60	35,000	31,729.20
Electricity		959.65	1,000	856.70
3 Telephone		16,266.15	12,000	11,008.00
Telefax		3,669.85	6,100	4,178.10
Telex		.00	0	279.50
Electronic Mail		780.25	1,000	573.50
General Postage		24,595.37	20,000	20,838.97
4 Supplies, incl. Offsetting		19,573.15	18,500	20,589.45
Minutes and Meeting Expenses		7,042.12	9,000	8,254.28
Annual Report, incl. Mailing		6,171.10	6,000	4,175.00
Information Bulletin, incl. Mailing		35,108.63	20,000	34,233.56
Newsletter, incl. Mailing		25,674.98	21,500	17,355.38
5 Equipment Maintenance		4,317.50	5,000	7,548.00
Equipment Amortization		10,000.00	10,000	12,796.00
Office Insurances		.00	1,800	1,248.30
Computer Support		900.00	2,000	2,990.60
Bank Charges, Geneva		1,464.81	800	634.00
Exchange Difference		182.09	400	265.45
Auditor's Fees		10,200.00	10,000	9,827.50
Cotisations		1,941.10	500	415.60
Petty Cash		9,700.00	11,000	9,057.10
Contingency		.00	2,200	.00
6 President's Reserve		.00	7,000	1,700.75
President's Account		2,853.60	6,000	3,633.30
Other Officers' Accounts		2,787.04	2,000	2,162.90
7 Technical Assembly		.00	4,000	2,500.00
Activity Management Board		4,459.50	4,000	2,790.00
Admissions Committee		.00	0	.00
Congress Guidelines Committee		.00	0	.00
Developing Countries Committee		.00	2,000	4,426.60
Finance Committee		.00	0	.00
Internal Awards Committee		8,027.60	2,000	405.00
International Liaison Committee		.00	0	.00
Marketing Committee		9,180.10	20,000	150.00
Publications Committee		1,500.00	1,500	1,000.00
Site Evaluation Committee		.00	0	.00
Statutes and Bylaws Committee		.00	500	.00
Nominations Committee for Officers		.00	0	.00
Nominations Committee for Trustees		.00	0	.00
8 Newsletter Editor		6,092.80	8,000	7,746.00
Contracts Officer		4,752.25	6,000	5,488.52
Activity Secretary		2,376.55	6,000	10,318.95

IFIP FINANCES, 1992
(updated 3 June 1993)

GA TOKYO 93
TREAS-2

TC Contributions (Notes 9-12) Currency: CHF		1992 ACTUAL AUDITED	1992 BUDGET APPROVED	1991 ACTUAL AUDITED
SPEC				
Note 9:				
TC 2 Royalties		7,988.65	15,000	20,965.10
TC 3 Royalties		6,599.50	9,000	10,759.15
TC 5 Royalties		19,129.95	25,000	26,455.50
TC 6 Royalties		38,472.50	40,000	38,962.35
TC 7 Royalties		8,389.05	6,000	8,965.30
TC 8 Royalties		19,246.65	20,000	16,819.05
TC 9 Royalties		6,286.70	8,000	3,916.30
TC10 Royalties		15,105.50	28,000	29,163.20
TC11 Royalties		10,438.05	14,000	8,804.70
TC12 Royalties		616.50	4,000	.00
TC13 Royalties		3,635.30	2,000	3,445.55
SG14 Royalties		.00	0	.00
Note 10:				
TC 2 Event Proceeds	TR-6	.00	5,000	731.05
TC 3 Event Proceeds	TR-6	693.30	5,000	41,967.37
TC 5 Event Proceeds	TR-6	647.25	11,000	3,050.95
TC 6 Event Proceeds	TR-6	7,671.92	5,000	26,375.90
TC 7 Event Proceeds	TR-6	.00	5,000	3,030.00
TC 8 Event Proceeds	TR-6	8,409.20	5,000	3,245.56
TC 9 Event Proceeds	TR-6	.00	5,000	.00
TC10 Event Proceeds	TR-6	7,095.65	5,000	3,356.55
TC11 Event Proceeds	TR-6	.00	5,000	17,743.80
TC12 Event Proceeds	TR-6	.00	5,000	.00
TC13 Event Proceeds	TR-6	.00	5,000	16,198.78
SG14 Event Proceeds	TR-6	.00	5,000	.00
Note 11:				
TC 2 Operating Expenses		3,713.00	10,000	3,149.70
TC 3 Operating Expenses		10,000.00	10,000	10,000.00
TC 5 Operating Expenses		2,659.00	8,000	4,266.50
TC 6 Operating Expenses		3,145.60	5,000	1,324.80
TC 7 Operating Expenses		4,266.00	6,000	3,130.00
TC 8 Operating Expenses		5,000.00	5,000	4,437.55
TC 9 Operating Expenses		9,119.90	9,000	4,653.50
TC10 Operating Expenses		2,549.85	10,000	3,868.75
TC11 Operating Expenses		5,000.00	5,000	5,000.00
TC12 Operating Expenses		1,091.35	4,000	4,761.50
TC13 Operating Expenses		5,000.00	5,000	5,958.78
SG14 Operating Expenses		4,000.00	4,000	1,500.00
Note 12:				
TC 2 Event Grants	TR-6	.00	3,875	.00
TC 3 Event Grants	TR-6	1,000.00	3,875	3,500.00
TC 5 Event Grants	TR-6	7,500.00	3,000	9,000.00
TC 6 Event Grants	TR-6	4,000.00	3,875	11,000.00
TC 7 Event Grants	TR-6	1,000.00	3,875	.00
TC 8 Event Grants	TR-6	3,000.00	4,000	.00
TC 9 Event Grants	TR-6	2,000.00	3,875	5,500.00
TC10 Event Grants	TR-6	.00	8,000	.00
TC11 Event Grants	TR-6	.00	3,875	.00
TC12 Event Grants	TR-6	4,000.00	3,875	.00
TC13 Event Grants	TR-6	.00	3,875	.00
SG14 Event Grants	TR-6	.00	4,000	.00

IFIP FINANCES, 1992
(updated 3 June 1993)

GA TOKYO 93
TREAS-2

TC Funds Specification (Notes 13-16) Currency: CHF		1992 ACTUAL AUDITED	1992 BUDGET APPROVED	1991 ACTUAL AUDITED
SPEC				
Note 13:				
TC 2 Fund Provision		-787.59	-2,906	3,427.29
TC 3 Fund Provision		-6,080.15	-4,406	20,290.32
TC 5 Fund Provision		-2,351.33	6,250	-1,047.79
TC 6 Fund Provision		10,012.87	7,094	20,278.91
TC 7 Fund Provision		-1,852.24	-2,156	2,166.33
TC 8 Fund Provision		5,118.56	2,000	3,310.77
TC 9 Fund Provision		.00	0	-1,565.74
TC10 Fund Provision		7,185.73	-2,750	6,906.65
TC11 Fund Provision		-1,140.49	594	11,759.03
TC12 Fund Provision		.00	0	.00
TC13 Fund Provision		-2,841.18	-2,406	3,541.39
SG14 Fund Provision		.00	0	.00
Note 14:				
TC 2 Funded Expenses		.00	0	.00
TC 3 Funded Expenses		7,672.97	0	2,897.75
TC 5 Funded Expenses		2,500.00	0	.00
TC 6 Funded Expenses		.00	0	.00
TC 7 Funded Expenses		.00	0	.00
TC 8 Funded Expenses		5,003.00	0	.00
TC 9 Funded Expenses		.00	0	.00
TC10 Funded Expenses		.00	0	.00
TC11 Funded Expenses		.00	0	.00
TC12 Funded Expenses		.00	0	.00
TC13 Funded Expenses		209.36	0	.00
SG14 Funded Expenses		.00	0	.00
Note 15:				
TC 2 Fund Balance		12,402.65	10,284	13,190.24
TC 3 Fund Balance		10,103.76	19,451	23,856.88
TC 5 Fund Balance		7,922.15	19,023	12,773.48
TC 6 Fund Balance		59,858.93	56,940	49,846.06
TC 7 Fund Balance		565.42	261	2,417.66
TC 8 Fund Balance		24,746.43	26,631	24,630.87
TC 9 Fund Balance		.00	0	.00
TC10 Fund Balance		25,713.59	15,778	18,527.86
TC11 Fund Balance		15,363.38	17,098	16,503.87
TC12 Fund Balance		.00	0	.00
TC13 Fund Balance		5,490.85	6,135	3,541.39
SG14 Fund Balance		.00	0	.00
Note 16:				
TC 2 Loans Outstanding	TC-6	.00	5,000	.00
TC 3 Loans Outstanding	TC-6	12,000.00	5,000	12,000.00
TC 5 Loans Outstanding	TC-6	5,000.00	5,000	15,000.00
TC 6 Loans Outstanding	TC-6	18,000.00	5,000	.00
TC 7 Loans Outstanding	TC-6	.00	5,000	.00
TC 8 Loans Outstanding	TC-6	.00	5,000	5,000.00
TC 9 Loans Outstanding	TC-6	7,750.00	5,000	6,000.00
TC10 Loans Outstanding	TC-6	6,000.00	5,000	.00
TC11 Loans Outstanding	TC-6	.00	5,000	.00
TC12 Loans Outstanding	TC-6	.00	5,000	.00
TC13 Loans Outstanding	TC-6	.00	5,000	.00
SG14 Loans Outstanding	TC-6	.00	5,000	.00

IFIP FINANCES, as per 30 June 1993
(updated 25 July 1993)

GA TOKYO 93
TREAS-3

SUMMARY		1992	Jan-Jun 1993	1993	1994
Currency: CHF	SUPP	ACTUAL AUDITED	ACTUAL RECORDED	BUDGET REVISED	BUDGET PROPOSED
I N C O M E		544,973.14	529,496.80	543,000	600,000
Dues from Members	TR-4	271,950.00	269,441.00	255,500	270,000
Return on Assets	TR-5	105,181.37	72,002.95	65,000	90,000
Royalties from Publications		140,924.45	130,668.55	142,500	129,000
Proceeds from Activities	TR-6	26,917.32	57,384.30	80,000	111,000
E X P E N S E S		572,388.32	242,290.49	593,000	600,000
Administrative Secretariat		417,075.60	163,543.94	390,000	400,000
Administrative Support		42,029.44	9,736.75	52,000	50,000
Technical Committees		70,930.03	17,702.55	70,000	70,000
Technical Support	TR-6	42,353.25	51,307.25	81,000	80,000
R E S U L T		-27,415.18	287,206.31	-50,000	0
Special Funds and Provisions		32,782.18	20,357.35	20,885	29,000
General Fund Provision (Final Result)		-60,197.36	266,848.97	-70,885	-29,000
A S S E T S		1,450,292.05	1,687,987.64	1,373,000	1,373,000
Bank Deposits (incl. cash)		558,190.01	689,962.68	488,000	488,000
Portfolio Investment	TR-5	762,339.34	802,414.96	760,000	760,000
Accounts Receivable	TR-4	112,750.45	178,597.75	100,000	100,000
Office Equipment		17,012.25	17,012.25	25,000	25,000
L I A B I L I T I E S		82,427.33	32,916.61	55,135	55,135
Accounts Payable	TR-6	82,427.33	32,916.61	55,135	55,135
F U N D S		1,367,864.72	1,655,071.03	1,317,865	1,317,865
Special Funds		182,167.16	202,524.51	203,052	232,052
General Fund		1,185,697.56	1,452,546.53	1,114,813	1,085,813
Total Balance (Liabilities + Funds)		1,450,292.05	1,687,987.64	1,373,000	1,373,000

IFIP FINANCES, as per 30 June 1993
(updated 25 July 1993)

GA TOKYO 93
TREAS-3

Income and Expenses during the Period		1992	Jan-Jun 1993	1993	1994
Currency: CHF		ACTUAL	ACTUAL	BUDGET	BUDGET
	NOTE	AUDITED	RECORDED	REVISED	PROPOSED
I N C O M E		544,973.14	529,496.80	543,000	600,000
Dues from Members		271,950.00	269,441.00	255,500	270,000
Dues invoiced current year		277,450.00	265,350.00	269,500	270,000
Adjustment to dubious outstanding dues		-5,500.00	4,091.00	-14,000	0
Return on Assets		105,181.37	72,002.95	65,000	90,000
Bank Deposits Income		31,218.02	7,590.76	25,000	20,000
Portfolio Investment Income		61,417.41	72,107.51	50,000	80,000
Portfolio Management Fees		-5,681.06	-3,179.32	-7,000	-7,000
Adjustments Accrued Dividends		18,227.00	-4,516.00	-3,000	-3,000
Royalties from Publications		140,924.45	130,668.55	142,500	129,000
TC Publications	9	135,908.35	120,058.46	117,000	120,000
Other Royalties		5,016.10	10,610.09	25,500	9,000
Proceeds from Activities		26,917.32	57,384.30	80,000	111,000
TC Event Proceeds	10	24,517.32	27,384.30	80,000	108,000
Congress Proceeds		.00	30,000.00	0	0
IMIA Secretariat Services		2,400.00	.00	0	3,000
E X P E N S E S		572,388.32	242,290.49	593,000	600,000
Administrative Secretariat		417,075.60	163,543.94	390,000	400,000
Staff	1	204,776.25	100,423.80	210,000	200,000
Premises	2	34,712.25	18,498.50	36,000	37,000
Communications	3	45,311.62	17,720.09	41,000	40,000
Supplies and Documents	4	93,569.98	16,396.80	57,000	78,000
Other Office Expenses	5	38,705.50	10,504.75	46,000	45,000
Administrative Support		42,029.44	9,736.75	52,000	50,000
Executive Board	6	5,640.64	3,328.95	15,000	15,000
Standing/AdHoc Committees	7	23,167.20	2,574.65	23,000	20,000
Appointed Officers	8	13,221.60	3,833.15	14,000	15,000
Technical Committees		70,930.03	17,702.55	70,000	70,000
Operating Expenses	11	55,544.70	13,735.05	70,000	70,000
TC N Funded Expenses	14	15,385.33	3,967.50	0	0
Technical Support		42,353.25	51,307.25	81,000	80,000
TC Event Support	12	22,500.00	25,500.00	35,000	40,000
TC Officers Support		8,500.00	4,500.00	16,000	10,000
TC Review Support		853.25	.00	4,000	4,000
TA Special Activities Support		3,000.00	4,000.00	0	4,000
Developing Countries Support		7,500.00	17,307.25	18,500	18,000
DC Event Support		.00	.00	7,500	4,000
R E S U L T		-27,415.18	287,206.31	-50,000	0
Special Funds Provisions		-6,621.15	20,357.35	20,885	29,000
Provision Developing Countries Fund		1,500.00	.00	0	0
TC N Fund Provision-Funded Expenses	15	-8,121.15	20,357.35	20,885	29,000
Congress 86 Loan Provision		39,403.33	.00		
General Fund Provision (Final Result)		-60,197.36	266,848.97	-70,885	-29,000

5,70 (3)

IFIP FINANCES, as per 30 June 1993
(updated 25 July 1993)

GA TOKYO 93
TREAS-3

Balance at the end of the Period		1992	Jan-Jun 1993	1993	1994
Currency: CHF	NOTE	ACTUAL AUDITED	ACTUAL RECORDED	BUDGET REVISED	BUDGET PROPOSED
A S S E T S		1,450,292.05	1,687,987.64	1,373,000	1,373,000
Cash		.00	116.70	500	500
Bank Deposits		558,190.01	689,845.98	487,500	487,500
Current Account, Geneva		60,453.22	65,196.76	49,500	49,500
Current Account, London		484,221.89	616,149.22	425,000	425,000
Term Deposit Account, London		.00	.00	0	0
Blocked Accounts, Geneva		12,514.90	7,500.00	12,000	12,000
Blocked Account PTT Guarantee		1,000.00	1,000.00	1,000	1,000
Portfolio Investment		762,339.34	802,414.96	760,000	760,000
Notice Deposit Accounts		113,914.34	35,867.27	65,000	65,000
Securities at Book Value		613,647.25	701,312.88		
Securities Evaluation		16,550.75	51,523.81		
Securities at Market Value		630,198.00	752,836.69	680,000	680,000
Accrued Dividends and Interest		18,227.00	13,711.00	15,000	15,000
Accounts Receivable		112,750.45	178,597.75	100,000	100,000
Dues outstanding		82,667.75	145,156.75	50,000	50,000
Dubious Dues written off		-30,200.00	-7,309.00	-10,000	-10,000
Congress Loans outstanding		39,403.33	39,403.33	0	0
Congress 86 Loan Provision		-39,403.33	-39,403.33		
TC Loans outstanding		48,750.00	40,750.00	60,000	60,000
Dubious Loans written off		.00	.00	0	0
Miscellaneous Receivables		5,900.00	.00	0	0
Miscellaneous Paid in Advance		5,632.70	.00	0	0
Office Equipment		17,012.25	17,012.25	25,000	25,000
Acquisitions		43,839.25	43,839.25	50,000	50,000
Amortizations		-26,827.00	-26,827.00	-25,000	-25,000
LIABILITIES		82,427.33	32,916.61	55,135	55,135
Accounts Payable		82,427.33	32,916.61	55,135	55,135
Grants not yet disbursed		5,500.00	17,619.70	25,000	25,000
Income received in advance		2,525.00	.00	0	0
DC-Support received in advance		16,796.91	15,296.91	15,000	15,000
Accrued Liabilities		57,605.42	.00	15,135	15,135
F U N D S		1,367,864.72	1,655,071.03	1,317,865	1,317,865
Special Funds		182,167.16	202,524.51	203,052	232,052
Developing Countries Fund		20,000.00	20,000.00	20,000	20,000
TC Funds	16	162,167.16	182,524.51	183,052	212,052
General Fund					
Balance carried forward		1,245,894.92	1,185,697.56	1,185,698	1,114,813
Final Result of the period		-60,197.36	266,848.97	-70,885	-29,000
Balance to be carried forward		1,185,697.56	1,452,546.53	1,114,813	1,085,813
Total Balance (Liabilities + Funds)		1,450,292.05	1,687,987.64	1,373,000	1,373,000

1994
BUDGET
PROPOSED

				141,000
				9,000
				37,000
				6,500
				6,500
				36,000
				1,000
				15,000
				4,000
				1,000
				20,000
				20,000
				8,000
				10,000
				15,000
				25,000
				5,000
				10,000
				1,500
				5,000
				1,000
				0
				9,000
				1,500
				9,000
				3,000
				6,000
				6,000
				3,000
				4,000
				4,000
				0
				0
				3,000
				0
				2,000
				5,000
				1,500
				0
				500
				0
				0
				7,500
				7,500
				0

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IFIP FINANCES, as per 30 June 1993
(updated 25 July 1993)

GA TOKYO 93
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TC Contributions (Notes 9-12) Currency: CHF		1992 ACTUAL AUDITED	Jan-Jun 1993 ACTUAL RECORDED	1993 BUDGET REVISED	1994 BUDGET PROPOSED
SPEC					
Note 9:					
TC 2 Royalties		7,988.65	11,965.74	12,000	12,000
TC 3 Royalties		6,599.50	4,736.73	4,800	5,000
TC 5 Royalties		19,129.95	21,500.36	17,700	21,000
TC 6 Royalties		38,472.50	27,705.89	28,300	28,000
TC 7 Royalties		8,389.05	3,324.09	3,300	3,000
TC 8 Royalties		19,246.65	18,136.86	18,400	18,000
TC 9 Royalties		6,286.70	7,761.44	8,200	7,000
TC10 Royalties		15,105.50	14,542.33	14,200	15,000
TC11 Royalties		10,438.05	8,287.90	8,200	8,000
TC12 Royalties		616.50	583.17	1,700	1,000
TC13 Royalties		3,635.30	1,513.95	200	2,000
SG14 Royalties		.00	.00	0	0
Note 10:					
TC 2 Event Proceeds	TR-6	.00	.00	3,000	9,000
TC 3 Event Proceeds	TR-6	693.30	.00	30,000	9,000
TC 5 Event Proceeds	TR-6	647.25	.00	3,000	9,000
TC 6 Event Proceeds	TR-6	7,671.92	10,593.45	3,000	9,000
TC 7 Event Proceeds	TR-6	.00	.00	3,000	9,000
TC 8 Event Proceeds	TR-6	8,409.20	6,927.26	3,000	9,000
TC 9 Event Proceeds	TR-6	.00	2,261.59	3,000	9,000
TC10 Event Proceeds	TR-6	7,095.65	7,602.00	3,000	9,000
TC11 Event Proceeds	TR-6	.00	.00	3,000	9,000
TC12 Event Proceeds	TR-6	.00	.00	3,000	9,000
TC13 Event Proceeds	TR-6	.00	.00	20,000	9,000
SG14 Event Proceeds	TR-6	.00	.00	3,000	9,000
Note 11:					
TC 2 Operating Expenses		3,713.00	1,200.00	8,000	8,000
TC 3 Operating Expenses		10,000.00	107.05	8,000	8,000
TC 5 Operating Expenses		2,659.00	855.20	8,000	8,000
TC 6 Operating Expenses		3,145.60	.00	4,000	4,000
TC 7 Operating Expenses		4,266.00	.00	5,000	6,000
TC 8 Operating Expenses		5,000.00	3,326.65	4,000	4,000
TC 9 Operating Expenses		9,119.90	3,100.00	8,000	8,000
TC10 Operating Expenses		2,549.85	1,146.15	6,000	6,000
TC11 Operating Expenses		5,000.00	4,000.00	4,000	4,000
TC12 Operating Expenses		1,091.35	.00	5,000	4,000
TC13 Operating Expenses		5,000.00	.00	5,000	6,000
SG14 Operating Expenses		4,000.00	.00	5,000	4,000
Note 12:					
TC 2 Event Grants	TR-6	.00	1,500.00	1,000	3,000
TC 3 Event Grants	TR-6	1,000.00	16,000.00	10,000	4,000
TC 5 Event Grants	TR-6	7,500.00	.00	6,000	4,000
TC 6 Event Grants	TR-6	4,000.00	4,000.00	6,000	3,000
TC 7 Event Grants	TR-6	1,000.00	1,000.00	1,000	3,000
TC 8 Event Grants	TR-6	3,000.00	.00	1,000	3,000
TC 9 Event Grants	TR-6	2,000.00	3,000.00	4,000	4,000
TC10 Event Grants	TR-6	.00	.00	1,000	3,000
TC11 Event Grants	TR-6	.00	.00	1,000	3,000
TC12 Event Grants	TR-6	4,000.00	.00	1,000	3,500
TC13 Event Grants	TR-6	.00	.00	1,000	3,000
SG14 Event Grants	TR-6	.00	.00	2,000	3,500

5.13 (6)

IFIP FINANCES, as per 30 June 1993
(updated 25 July 1993)

GA TOKYO 93
TREAS-3

TC Funds Specification (Notes 13-16) Currency: CHF	SPEC	1992 ACTUAL AUDITED	Jan-Jun 1993 ACTUAL RECORDED	1993 BUDGET REVISED	1994 BUDGET PROPOSED
Note 13:					
TC 2 Fund Provision computed		-787.59	966.44	-1,500	1,500
TC 3 Fund Provision computed		-6,080.15	-10,896.11	10,200	-1,000
TC 5 Fund Provision computed		-2,351.33	4,733.69	-3,825	3,000
TC 6 Fund Provision computed		10,012.87	11,871.56	1,825	8,500
TC 7 Fund Provision computed		-1,852.24	81.02	-1,425	750
TC 8 Fund Provision computed		5,118.56	7,234.67	3,100	6,000
TC 9 Fund Provision computed		-6,768.25	-938.45	-4,700	-500
TC10 Fund Provision computed		7,185.73	8,477.47	550	3,750
TC11 Fund Provision computed		-1,140.49	-928.03	550	3,500
TC12 Fund Provision computed		-3,664.39	145.79	-1,825	1,375
TC13 Fund Provision computed		-2,841.18	378.49	10,550	500
SG14 Fund Provision computed		-3,000.00	.00	-3,000	1,125
Note 14:					
TC 2 Funded Expenses		.00	.00	0	0
TC 3 Funded Expenses		7,672.97	1,467.50	0	0
TC 5 Funded Expenses		2,500.00	.00	0	0
TC 6 Funded Expenses		.00	.00	0	0
TC 7 Funded Expenses		.00	.00	0	0
TC 8 Funded Expenses		5,003.00	.00	0	0
TC 9 Funded Expenses		.00	.00	0	0
TC10 Funded Expenses		.00	.00	0	0
TC11 Funded Expenses		.00	2,500.00	0	0
TC12 Funded Expenses		.00	.00	0	0
TC13 Funded Expenses		209.36	.00	0	0
SG14 Funded Expenses		.00	.00	0	0
Note 15:					
TC 2 Fund Provision adjusted		-787.59	966.44	-1,500	1,500
TC 3 Fund Provision adjusted		-6,080.15	-8,636.26	10,200	-1,000
TC 5 Fund Provision adjusted		-2,351.33	4,733.69	-3,825	3,000
TC 6 Fund Provision adjusted		10,012.87	11,871.56	1,825	8,500
TC 7 Fund Provision adjusted		-1,852.24	81.02	-565	750
TC 8 Fund Provision adjusted		5,118.56	7,234.67	3,100	6,000
TC 9 Fund Provision adjusted		.00	.00	0	0
TC10 Fund Provision adjusted		7,185.73	8,477.47	550	3,750
TC11 Fund Provision adjusted		-1,140.49	-928.03	550	3,500
TC12 Fund Provision adjusted		.00	145.79	0	1,375
TC13 Fund Provision adjusted		-2,841.18	378.49	10,550	500
SG14 Fund Provision adjusted		.00	.00	0	1,125
Note 16:					
TC 2 Fund Balance		12,402.65	13,369.09	10,903	12,403
TC 3 Fund Balance		10,103.76	.00	20,304	19,304
TC 5 Fund Balance		7,922.15	12,655.84	4,097	7,097
TC 6 Fund Balance		59,858.93	71,730.49	61,684	70,184
TC 7 Fund Balance		565.42	646.44	0	750
TC 8 Fund Balance		24,746.43	31,981.10	27,846	33,846
TC 9 Fund Balance		.00	.00	0	0
TC10 Fund Balance		25,713.59	34,191.06	26,264	30,014
TC11 Fund Balance		15,363.38	11,935.36	15,913	19,413
TC12 Fund Balance		.00	145.79	0	1,375
TC13 Fund Balance		5,490.85	5,869.34	16,041	16,541
SG14 Fund Balance		.00	.00	0	1,125

IFIP Membership Dues Report as per 30 June 1993
(updated 21 July 1993)

GA TOKYO 93
TREAS-4

Membr.Country/Region Currency: CHF	1993 Dues Invoice	1993 Dues Outst.	1992 Dues Outst.	1991 Dues Outst.	1990 Dues Outst.	Total Dues Outst.	Comm.
ALBANIA	2,500					0	
ANDORRA	2,500					0	
ARGENTINA (93 Corr.M.)	400	400	5,000			5,400	
AUSTRALIA	7,500					0	
AUSTRIA	5,000					0	
BELGIUM	5,000	5,000				5,000	
BULGARIA	5,000	5,000				5,000	
CANADA	7,500					0	
CHINA	7,500	7,500				7,500	
CUBA (93 ?)			2,500	2,309		4,809	lost?
CZECHOSLOVAKIA	5,000					0	
DENMARK	5,000					0	
EGYPT	2,500	2,500	2,500			5,000	
FINLAND	5,000					0	
FRANCE	10,000					0	
GERMANY	20,000					0	
GREECE	5,000	5,000	5,000	4,800		14,800	risky?
HUNGARY	5,000					0	
INDIA	2,500	2,500				2,500	
IRAQ	5,000	5,000	5,000			10,000	dubious
IRELAND	2,500	2,500				2,500	
ISRAEL	5,000	5,000	5,000			10,000	
ITALY	7,500	7,500				7,500	
JAPAN	20,000					0	
KOREA, REP. OF	5,000	5,000				5,000	
MALAYSIA	2,500					0	
NETHERLANDS	7,500					0	
NIGERIA	2,500	2,500	418			2,918	
NORWAY	5,000					0	
POLAND	5,000	5,000				5,000	
PORTUGAL	2,500	2,500	5,000			7,500	
SINGAPORE	2,500					0	
SOUTH AFRICA	5,000					0	
SPAIN	7,500	7,500				7,500	
SWEDEN	7,500					0	
SWITZERLAND	7,500					0	
SYRIA	2,500					0	
TUNISIA	2,500	2,500				2,500	
UNITED KINGDOM	10,000					0	
U.S.A.	20,000					0	
U.S.S.R. (former)	20,000	20,000	3,200			23,200	dubious
ZIMBABWE (90-92 reduc.)	2,500	1,250				1,250	
ARCC (92-94 reduc.)	1,250	1,250	580			1,830	
CLEI (93 reduc. except.)	2,500	2,500	2,300			4,800	
WARCS (90-92 red.,93?)			1,250	1,200	50	2,500	lost?
ICELAND(Corresp.M.)	400					0	
NEW ZEALAND(Corr.M)	400					0	
YUGOSLAVIA (Corr.M)	400	400	400	350		1,150	risky?
42F + 4C MEMBERS 1993	265,350	98,300	38,148	8,659	50	145,157	
Paid since 1 Jan 1993		167,050	10,420	0	0	177,470	
Outstanding:							
<1 year in arrears		51,250				51,250	
>1 year in arrears		41,650	28,998			70,648	
>2 years in arrears		5,400	7,900	7,459		20,759	risky?
>3 years in arrears			1,250	1,200	50	2,500	lost?
Proposed written offs		0	3,750	3,509	50	7,309	
Net outstanding		98,300	34,398	5,150	0	137,848	

5.14

saved by TC6
and once more
in danger!

5,18

IFIP Portfolio Valuation Report as per 30 June 1993
(updated 17 July 1993)

GA TOKYO 93
TREAS-5

updated 17 July 1993)		TREASURY			
Valuation for the Period	4th Q.	3rd Q.	2nd Q.	1st Q.	
Currency: CHF	1993	1993	1993	1993	
Summary Information (from SBC):					
Value at the End of the Period			802,414.96	799,833.70	
Fixed Interest Securities			766,547.69	762,355.58	
Cash/Short Term			35,867.27	37,478.12	
Value at the Start of the Period			799,833.70	762,339.34	
Additions			.00	.00	
Withdrawals			12,902.11	11,489.46	
Adjusted Portfolio Value			786,931.59	750,849.88	
Change during the Period			15,483.37	48,983.82	
Income			11,291.26	9,975.99	
Appreciation/Depreciation			4,192.11	39,007.88	
Weighted Average Capital			797,313.70	758,315.54	
Net Rate of Return:					
This Period			1.94	6.46	
Last 12 Months			15.95	14.13	
Additional Information (SBC):					
Securities, Accrued Dividends			13,711.00	16,168.00	
Realised Gain/Loss			.00	.00	
Securities Value, Book Cost			701,312.88	701,312.88	
Management Fee			1,599.66	1,524.66	
Interest, Current Account			3,805.49	3,785.27	
Balance, Current Account			616,149.22	449,441.62	
Interest, Term Dep. Account			.00	.00	
Balance, Term Dep. Account				.00	
Transfer with Geneva			150,000.00	-50,000.00	
Accounting information:	Closing bal	Movements	Movements	Movements	Movements
	1993				Opening bal
					1993
Bank Deposits (London)					
11600 Transit Account	-100,000.00			-150,000.00	50,000.00
11200 Current Account, London	616,149.22			166,707.60	-34,780.27
11300 Term Deposit Account, London	.00			.00	.00
Portfolio Investment	802,414.96			2,581.26	37,494.36
12100 Notice Dep. Accounts, London	35,867.27			-1,610.85	-76,436.22
12200 Securities, Book Value	701,312.88			.00	87,665.63
12250 Securities Evaluation	51,523.81			6,649.11	28,323.95
Securities, Market Value	752,836.69			6,649.11	115,989.58
12300 Accrued Dividends	13,711.00			-2,457.00	-2,059.00
Return on Assets	72,002.95			19,288.86	52,714.09
52100 Interest on Curr. Acct, London	7,590.76			3,805.49	3,785.27
52150 Interest on Term Deposit	.00			.00	.00
52200 Portfolio Income	72,107.51			19,540.03	52,567.48
52300 Portfolio Management Fees	-3,124.32			-1,599.66	-1,524.66
52350 Bank Charges, London	-55.00			.00	-55.00
52500 Adjustments Accrued Dividends	-4,516.00			-2,457.00	-2,059.00

5.76

IFIP TC Event Financial Report as per 30 June 1993
(updated 21 July 1993)

GA TOKYO 93
TREAS-6

Events sorted by TC and event month				Event	Budg.	Loans	Loans	Loans	Loans	Grants	Grants	Proceeds
TC	W	Ref	Topic name (trunc.)	Month	Year	appr.	disb.	reimb.	outst.	appr.	disb.	rec'd
2	6	798	Semantics of Inoperable Syst	9211	1992	5,000						
2	4	970	Systems Programming	9303	1993					1,500	1,500	
3	1	739	Informatics and Changes in L	9306	1991	12,000	12,000		12,000			
3	4	783	Software Engineering Educati	9309	1993					4,000	4,000	
3	3	949	Lessons from Learning	9309	1993					3,000	880	
3	2	858	Impact of IT from Practice to	9403	1993					2,000		
3	5	974	Promoting a new Partnership:	9406	1993					3,000		
3		973	APITITE '94	9406	1993	10,000						
3	1	856	Integrating Information on	9410	1993					4,000		
5		522	ISPE '93	9303	1992	5,000	5,000	5,000				
5	2	833	CAD Developments	9303	1992	3,000	not req.					
5	2	942	Formal Design Methods for	9306	1992					2,000	2,000	
5	3	837	Towards World Class Manufa	9309	1993	5,000	5,000		5,000			
6	5	822	Upper Layer Protocols	9205	1991	8,000	8,000	8,000				
6		540	Networks '92	9210	1992	6,000				4,000	2,000	
6	1	823	FORTE'92	9210	1993							10,593
6	4	843	HPN '92	9212	1992	12,000	10,000	10,000				
6		542	Network Information Processi	9310	1993					4,000	4,000	
6	1	976	FORTE '93	9310	1993	8,000	8,000		8,000			
7	7	962	Stochastic Optimization: Num	9306	1992					1,000	1,000	
7	6	853	Optimization-based Compute	9405	1993					1,000		
8	5	502	Collaborative Work, Social Co	9108	1993							2,948
8	2	757	The Impact of Computers	9206	1993							3,979
8	4	812	The Open Systems Future	9308	1993	1,500						
8	1	922	Information System Develop	9309	1992	5,000						
9	5	232	ORAIS '89	8907	1993							1,844
9	2	673	Social Citizenship	9107	1989					500	500	417
9	4	883	Global IT explosion: Opportun	9203	1991					2,000	1,500	
9	2	927	Facing the Challenge of Risk	9305	1993	6,000						
9	6	941	Security and Control of IT	9308	1992	7,750	7,750		7,750			
9	4	960	Intellectual Property Rights	9308	1993					1,000		
9	4	971	The Impact of Informatics on	9402	1993					2,000		
9	3	885	Reconstituting OIKOS: Home	9406	1993	8,000	8,000		8,000			
9	1	996	WWC5'04	9407	1993	4,000						
10	3	940	Architectures and Compilation	9301	1992	6,000	6,000	6,000				7,602
10	2	906	CHDL '93	9304	1992	10,000						
All TCs						122,250	69,750	29,000	40,750	35,000	17,380	27,384
Approved before 1993						79,750	48,750	29,000	27,750	9,500	3,500	19,782
Approved in 1993						42,500	21,000		13,000	25,500	13,880	7,602
canc./not req./postp. in 1993							3,000					
Reserved after 1993												
Amounts not yet disbursed							49,500				17,620	
Avail. for appr. after 30 June 1993						109,750				9,500		

IFIP Working Group 6.1

Short Activity Report, for Sofia, 15-16 Oct., 1993

from

Harry Rudin, Chairman WG6.1

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file: wg61r993 tc6rprt d

Working Group 6.1 - Architecture and Protocols for Computer Networks

Working Group 6.1 has been concerned with the development of computer-communication architecture and protocols for a number of years. It was active in the development of wide-area protocols themselves, was later active in disseminating working versions of upcoming standards, and for the last few years has mainly been concerned with the formal description techniques for describing protocols and tools which can be developed based on these descriptions. Recently the group has been active in higher-level protocols for high-speed networks and open distributed processing. The group plays the role of bringing researchers together at several annual events and in making research results available to anyone who is interested through conference proceedings and journal special issues.

In 1980 plans were laid for the first IFIP WG6.1 International Symposium on Protocol Specification, Testing, and Verification. In 1993, the thirteenth of these meetings took place in Liege in June. Recently, several other meeting series have been initiated. Here WG6.1 plays a coordinating, supporting, and sponsoring role: FORTE deals mainly with standardized protocol specification techniques and lies closer to the practitioner than the aforementioned PSTV series. The workshop series on protocol test systems deals with techniques for testing implementation of protocols.

In 1989, WG6.1 felt that there was a real need for a meeting dedicated to the protocols -- particularly above the data-link level -- required for tomorrow's high-speed fiber-optic networks. The result was the first International Workshop on Protocols for High-Speed Networks held in Rueschlikon in May, 1990. The second such meeting was held in Palo Alto in November, 1990 and was again received enthusiastically. The third such meeting took place near Stockholm in May, 1992. The fourth is scheduled for Vancouver in August, 1994. This workshop is attended by a small number of workshops; a highlight is intense, informal discussion by experts in the field.

In October, 1991, the first Workshop on Open Distributed Processing was held in Berlin. This series also falls under the auspices of WG6.1. The second meeting has just been held in Berlin in September, 1993.

WG6.1 conference papers appear yearly, in an average of four volumes published by North Holland / Elsevier and in several special issues of Computer Networks and ISDN Systems magazine.

WG6.1 had a hardcopy newsletter which came out once a year and distributed to about 1000 subscribers. With the success of our e-mail newsletter, this hardcopy newsletter was dropped. The number of direct subscribers is some 200; several of these are group addresses for further distribution locally. The electronic newsletter is distributed about 24 times per year. Would-be subscribers to the electronic newsletter should send their Internet address to the group's secretary, Alex McKenzie, at

ifip-6-1-request @ bbn.com .

Notes and Contents:

6.1.2

- A calendar of WG6.1 and WG6.1-related events is attached.
- An effort is underway to update WG6.1's membership list. Appended are a letter and form to be returned. Comments are eagerly solicited, before these are actually mailed.
- Forte'93, The Sixth International Conference on Formal Description Techniques for Distributed Systems and Communications Protocols, Boston, 12-16 October, 1992
On the reduced-fee cutoff date, there were 58 "early" registrants. The program is appended as sent out as a WG6.1 e-mail newsletter.
- Bids for holding future meetings.

IWPTS

1994 Japan; Higashino
1995 Riga, Latvia; Petrenko

PSTV

1994 Vancouver; Chanson, Vuong
1995 Warsaw, Dembinski; (?Paris, Omar Rafiq)

FORTE

1994 Hogrefe in Bern
1995 Bochmann in Montreal

PFHSN

1994 Vancouver; Neufeld
1996 ?Colorado Springs; Edward Chow

ODP

1993 Berlin; de Meer

CALENDAR OF SOME MEETINGS OF INTEREST

6.1.3

1993

- | | |
|---------------------------|--|
| Oct. 11-15, Darmstadt | 6th SDL Forum; Contact
Amardeo Sarma, sdlforum@fz.telekom.de |
| Oct. 19-22, San-Francisco | ICNP'93, Int'l Conference on Network Protocols
Contact Mike Liu, mike.liu@osu.edu |
| Oct. 20-22, Raleigh | First Int'l. Conf. on LAN Interconnection
Contact onvural@vnet.IBM.COM |
| Oct. 26-29, Boston | FORTE'93. Contact Richard Tenney,
rlt@cs.umb.edu |
| Nov. 29- Dec. 2 Houston | GLOBECOM'93, See IEEE Publications. |

1994

- | | |
|----------------------------|--|
| March 8-11, Zurich | 1994 International Zurich Seminar
(devoted to mobile communications)
Contact iza94@clients.switch.ch |
| May 1-5, New Orleans | ICC'94, See IEEE Publications. |
| May 9-10, Amsterdam | Second Int'l. Workshop on Feature Interactions
in Telecommunications Software Systems
Contact H.Velthuisen@research.ptt.nl |
| June 7-10, Vancouver | IFIP WG6.1 PSTV-XIV
Contact S. Vuong, vuong@cs.ubc.ca |
| June 12-16, Toronto | IEEE INFOCOM'94
Contact infocom@ee.upenn.edu |
| June 21-24, Stanford | Conference on Computer-Aided Verification
Contact cav@cs.stanford.edu |
| Aug 10-12, Vancouver | IFIP WG6.1 Protocols for High-Speed Networks
Contact Gerald Neufeld,
neufeld@cs.ubc.ca |
| Aug. 30- Sept. 2, London | ACM SIGCOMM '94
Contact J.Crowcroft@cs.ucl.ac.uk |
| Oct. 4-7, Bern Switzerland | IFIP WG6.1 FORTE'94
Contact D. Hogrefe, S. Leue
forte94@iam.unibe.ch |
| Oct. 25-28, Boston | ICNP'94, Int'l Conference on Network Protocols
Contact icnp94@research.att.com |

Nov. 8 - 10, Tokyo

7th IFIP WG6.1 International Workshop on
Protocol Test Systems, T. Higashino
higashino@ics.es.osaka-u.ac.jp

Nov. 28- San Francisco
Dec. 1

GLOBECOM'94, See IEEE Publications.

6.1.4

1995

June 13-17, Warsaw

IFIP WG6.1 PSTV-XV
Contact P. Dembinski,
PIOTRD%PLEARN.BITNET@SEARN.SUNET.SE

June 18-22, Seattle

ICC'95, See IEEE Publications.

Oct. 3-11, Geneva

TELECOM'95 Exposition

** , Singapore

GLOBECOM'95, See IEEE Publications.

1996

June 24-27, Dallas

ICC'96, See IEEE Publications.

** means no definitive information available at this time.

Harry Rudin
IBM Research Division
Zurich Research Laboratory
8803 Rüschlikon, Switzerland
Telephone- 01 - 724 84 33
Telefax- +41 1 710 3608
Network- hr @ zurich.ibm.com



IFIP

6.15

INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING

Mr. IFIP WG6.1 Member
Company or Affiliation
First address line
Second address line
City, etc.
Country

Harry Rudin
IBM Research Division
Zurich Research Laboratory
Säumerstrasse 4
8803 Rüschlikon
Switzerland
Telephone- +41 1 724 8433
Telefax- +41 1 710 3608
electronic- hr @ zurich.ibm.com

September 30th, 1993

Subject: Continued Membership in IFIP Working Group 6.1

Dear Mr. Member:

It is time to update the membership list of WG6.1, the IFIP Working Group for Architecture and Protocols for Computer Networks. The current list dates back years; some addresses are no longer valid.

The main activities of WG6.1 center around the five conference series which take place under WG6.1 auspices:

- FORTE, International Conference on Formal Description Techniques
for Distributed Systems and Communication Protocols
- ICODP, International Conference on Open Distributed Processing
- IWPTS, International Workshop on Protocol Test Systems
- PfHSN, International Workshop on Protocols for High-Speed Networks
- PSTV, International Symposium on Protocol Specification, Testing
and Verification

WG6.1 tries to maintain a membership which is technically active in the group's areas of expertise and internationally balanced. It is expected that members share in the work of the group, including reviewing papers for the meetings listed above.

Please return the enclosed form before 31 October, 1993, indicating for which of our meetings you are willing to review papers and also your area of expertise.

Sincerely,

Harry Rudin
Chairman, WG6.1

PS. One need not be a member of WG6.1 to receive the WG6.1 e-mail newsletters. Subscription requests should be sent to ifip-6-1-request at bbn.com.



IFIP

6.1.6

INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING

Mr. IFIP WG6.1 Member
Company or Affiliation
First address line
Second address line
City, etc.
Country

Please return form to

Harry Rudin
IBM Research Division
Zurich Research Laboratory
Saumerstrasse 4
CH-8803 Ruschlikon
Switzerland

FORM FOR RETAINING MEMBERSHIP IN IFIP WORKING GROUP 6.1

Please return this form before 31 October, 1993.

If address above is incorrect, please note changes here:

E-mail address: _____

I am willing to review papers for

- ☐ FORTE, International Conference on Formal Description Techniques
for Distributed Systems and Communication Protocols
- ☐ ICODP, International Conference on Open Distributed Processing
- ☐ IWPTS, International Workshop on Protocol Test Systems
- ☐ PfHSN, International Workshop on Protocols for High-Speed Networks
- ☐ PSTV, International Symposium on Protocol Specification, Testing
and Verification

My areas of expertise within FDTs, ODP, or high-speed protocols are:

Signature

Here is the program for FORTE '93, the Sixth International Conference on Formal Description Techniques. Note that if you attend ICNP '93 and FORTE '93, you save \$50. each.

Harry Rudin
Chairman, WG6.1
8 September, 1993

6.7.7

FORTE'93
Sixth International Conference on
FORMAL DESCRIPTION TECHNIQUES
Boston, Massachusetts, 26-29 October 1993

PRELIMINARY PROGRAM

Anyone interested in registering for FORTE'93 should send email to forte@cs.umb.edu requesting a copy of the "Preliminary Announcement and Registration Forms", which includes information about the hotel and about registration for the conference.

26 October 1993 -- Tutorials

Room 1 - 8:30 to 12:30 (with midmorning coffee)

"On the semantic foundations of RSL: a concurrent, functional and imperative specification language"
D. Bolignano & M. Debabi, Bull Corporate Research Center

The RAISE (Rigorous Approach to Industrial Software Engineering) Specification Language ~~***~~RSL" is a formal, high level, modular and wide-spectrum specification language. The original main novelty of RSL is the unified integration of concurrent and functional abstractions. In addition, the language is endowed with imperative constructions. It allows different levels of abstraction; thus, it covers all stages of a development process. The language is formal and rests on secure foundations from the theoretical standpoint.

The primary objective of this tutorial is to present briefly the main syntactic constructs of the language and then lay stress on the models of these constructs. More precisely, we will show how the harmonious cohabitation of concurrency and data is done and how RSL can be viewed as a uniform integration of concurrent, functional, and imperative paradigms. The semantic theory that will be presented consists of the static and the dynamic semantics. We will see that the typing semantics is effect-based. In other words, in addition to the automatic reconstruction of usual types, it also computes the minimal side and communication effects. Thus, given an RSL expression, its static evaluation yields not only the type of the expression, but also the sets of the variables read and written (when the expression is executed), and the sets of the communication channels used in input and output. So the side and communication effects are part of the static evaluation. A complete presentation of the typing rules, as well as the underlying motivations and intuitions, will be given. The first dynamic semantics is operational and is strongly related to testing intuitions. Afterwards, we will present the denotational model. It is based on an accommodation of the Hennessy's acceptance trees model for handling communication, value-passing, process and functional abstractions and higher order objects. In order to avoid some limitations due to the domain theory, the denotational model is made dependent on the static semantics. Hence the dynamic domains are typed by the static values. The dynamic semantic evaluation of RSL constructs is then expressed using dependent types in the meta-language.

Room 2 - 8:30 to 12:30 (with midmorning coffee)

"Formal methods in managing feature interactions"
E. Jane Cameron and Yow-Jian Lin, Bellcore

The feature-interaction problem is a major roadblock to rapid introduction of new features for the public telecommunications network. Features, such as Call Forwarding and Call Waiting, are packages with additional functionality that customers can purchase to enhance their basic phone services. Feature Interactions are unanticipated side effects among features that a new feature introduces, or the inability of a new feature to deliver its intended functionality because of unanticipated behaviors of other features. The current trend towards a more open and distributed environment for feature deployment and management has broadened the awareness of the feature-interaction problem; an important amelioration of, or management approach to, this problem is to use formal methods to model and analyze feature logics and feature requirements, and to generate test scenarios. This tutorial will present several views of features and feature interactions, and discuss the scope of the problem. It will also survey existing formal approaches to the problem, and suggest research issues and directions.

6, 7, 8

Lunch 12:30 to 1:30

Room 1 - 1:30 to 3:15

"LOTOS applications in the European software industry"
Jeroen Schot, Information Technology Architecture B.V.

This tutorial presents recent industrial experience on the use of LOTOS (ISO IS 8807) in the development of safety critical and communication software. Results are presented, obtained, for example, from a commercial project commissioned by the European Space Agency, where LOTOS is used as a complementary technique to support the software design for on-board space applications. We discuss practical methods for specification construction, rapid prototyping, validation and verification, and code generation emerging from this and other projects. Emphasis is put on the relationship between LOTOS and established design paradigms, such as structured analysis and design (Yourdon, SA/RT, IDEFO), object-oriented design (HOOD), and software life cycle models. Software tools that support LOTOS in the various design phases are reviewed. The practical use of the language and tool products is demonstrated, with manipulation of examples on a projection screen. The impact of LOTOS on the cost and quality of software is analysed from applied cases. LOTOS newcomers can find a full introduction to the language in the accompanying tutorial notes, while LOTOS's most important features will be explained during the display of specification examples.

Refreshments: 3:15 to 3:45

Room 1 - 3:45 to 5:30

"Introduction to Erlang"
Robert Virding, Ericsson

Erlang is a concurrent declarative programming language for efficient design of robust distributed systems. We give several examples of how this language has been used most successfully in prototype and research projects. It is now also being used in production projects; one application from Ericsson Business Communications might represent the largest system developed in a declarative language in the world.

Room 2 - 1:30 to 4:00

"An Introduction to VDM"
Lynn Marshall, BNR

This tutorial will introduce VDM (the Vienna Development Method), a widely used formal description method based on set theory and first-order logic. It will cover the VDM notation and formal development using VDM.

Refreshments: 4:00 to 4:30

Room 2 - 4:30 to 5:30

Introduction to software being demonstrated

Evening: Possible Reception (check at registration desk for details)

27 October 1993 -- Conference

Welcome 8:45 to 9:00

Session 1: 9:00 to 10:30 - Verification

"Validating simulations between large nondeterministic specifications"

Ricardo Civalero, Bengt Jonsson, Joakim Nilsson

"Compressing the state space representation of LOTOS specifications"

J. Quemada, D. Larrabeiti, S. Pavon

"Towards a modular specification and verification of protocols within a layered architecture"

Tounes Souissi

Coffee Break: 10:30 to 11:00

Session 2: 11:00 to 12:30 - LOTOS

"Specification & Detection of IN service interference using LOTOS"

Ole Christian Dahl, Elie Najm

"DILL: specifying digital logic in LOTOS"

K.J. Turner, R.O. Sinnott

"Incremental construction approach for distributed system specifications"

Ferhat Khendek, Gregor v. Bochmann

Lunch: 12:30 to 2:00

Invited Speaker: 2:00 to 3:00

Colin H. West, IBM Forschungslaboratorium Zurich

"The challenges facing formal definition techniques"

For many years, we believed that applications of formal definition techniques would significantly improve the quality of communications protocols and hence the systems that incorporate them. Automated validation and many other protocol analysis techniques require an executable representation of a protocol that may be derived from a formal specification.

Recent experience with IBM's SNA and the ISO Distributed Transaction Processing standard has shown that it is difficult to develop executable models using current special-purpose Formal Definition Languages in a timely and cost effective manner. In both of the above examples, specifications using formal definition languages have proved to be less effective than other methods of documenting the protocols.

Colin H. West has been a Research Staff member at the IBM Zurich Research Laboratory since 1971. His main interests are protocol validation and testing techniques, particularly simple ones that can be automated and successfully applied to complex systems. In 1991, he was elected a Fellow of the IEEE for his contributions to the automated validation of Communication Protocols.

Session 3: 3:00 to 3:30

6, 1, 9

"Increasing the concurrency in Estelle"
J. Bredeke, R. Gotzheim

Coffee Break 3:30 to 4:00

Session 3 continued: 4:00 to 5:30

"Experiments in data flow analysis of communicating finite state machines"
S. Purushothaman Iyer

"Integrating Estelle ANS.1 for automatic Implementation"
A. Lo, R. Lai

"An Estelle compiler for multiprocessor platforms"
Stefan Fischer, Bernd Hofmann

28 October 1993 -- Conference

Session 4: 8:00 to 10:00 - Industrial Reports

"Overview: survey of formal methods in industry"
Graeme I. Parkin, Stephen Austin

"An integrated specification support system for communication software design based on stepwise refinement and graphical representation"
Katsuyuki Sarashina, Tsuyoshi Ando, Kaoru Takahashi, Masataka Ohta, Yoshiaki Tokita

"An industrial experience on development with LOTOS and SDL"
G. Leon, J. Carracedo, J.C. Moreno, J.C. Yelmo, Juan J. Gil, C. Sanchez, F.J. Carrasco

"A formal model of SONET's alarm-surveillance procedures and their simulation"
Sanjal Narain, Orville Cockings, Ritu Chandra

Coffee Break: 10:00 to 10:30

Session 5: 10:30 to 12:30

"Modeling systems by probabilistic process algebra: an event structures approach"
Joost-Pieter Katoen, Rom Langerak, Diego Latella

"Cycle Calculus for Hybrid Systems"
Heping He, Hussein Zedan

"A recursive process algebra for queues"
H. Yenigun, E. Haghverdi, S. Bilgen, K. Inan

"What do time sequence diagrams mean?"
Peter B. Ladkin, Stefan Leue

Lunch: 12:30 to 2:00

Invited Speaker: 2:00 to 3:00

A.V. Aho, Bellcore
"Conformance and interoperability testing"

Bellcore plays a significant role in helping maintain interoperability of the public switched telecommunications network. This talk will review some of our research aimed at using formal methods to facilitate conformance and interoperability testing based on generic requirements.

Al Aho heads the Information Sciences and Technologies Research Laboratory at Bellcore, Morristown, NJ. Prior to his current appointment, he was Director of the Computing Science Research Center at AT&T Bell Laboratories. He holds a Ph.D. in EE/CS from Princeton University and has written nine widely used computer science

6, 1, 10

textbooks. He serves as Chairman of the Advisory Committee for the Computer and Information Sciences and Engineering Directorate of the National Science Foundation.

6, 7, 11

Session 6: 3:00 to 3:30 - Testing

"TESTGEN+: An Integrated environment for protocol test suite generation, selection and validation"
Song T. Vuong and Sangho Lee

Coffee Break: 3:30 to 4:00

Session 6 continued: 4:00 to 5:30 - Testing

"Test generation by exposing control and data dependencies within system specifications in SDL"
Hasan Ural, Alan Williams

"On the existence and production of state identification machines for labelled transition systems"
Jari Arkko

"Improving conformance testing for LOTOS"
Ana P. Cavalli, Sung Un Kim, Patrick Maigron

Evening: Banquet and Concert

29 October 1993 -- Conference

Session 7: 8:30 to 10:30

"Correctness of at-most-once message delivery protocols"
Nancy A. Lynch, Butler W. Lampson, and Jorgen Sogaard-Andersen

"An object oriented method for implementing protocol stacks"
A. Divin, C. Petitpierre

"Formalisation based on understanding"
Maria Manuela Marques, Dag Belsnes, Malachy Murphy

"Cumulating constraints on the ~~xxx~~when'' and the ~~xxx~~what''"
Tommaso Bolognesi, Giuseppe Ciaccio

Coffee Break: 10:30 to 11:00

Session 8: 11:00 to 12:30 - Timed-LOTOS

"LOTOS enhancements to specify time constraint among nonadjacent actions using first order logic"
Akio Nakata, Teruo Higashimo, Kenichi Taniguchi

"Time versus abstraction in formal description"
Howard Bowman, Gordon S. Blair, Lynne Blair, Amanda G. Chetwynd

"An enhanced version of timed LOTOS and its application to a case study"
Luc Leonard, Guy Leduc

Closing: 12:30 to 1:00

--- end ---

6.1.12

Date: Tue, 5 Oct 93 16:45:35 WET
From: hr@zurich.ibm.com
To: spaniol@informatik.rwth-aachen.de
Subject: Two tidbits for the WG6.1 report

Hi, Otto.

Omar Rafik just answered my query: there were 70 people attending the IWPTS workshop in Pau.

The other item relates to the small workshop on wireless services which I brought up in Versailles. This is on hold just now; it may be that it will never take place. The plan was to have it very much at the application level. My fear now is that this would result in two kinds of papers: one kind advertising existing products and the other kind, papers which would not be offered at all! because they would deal with good ideas for not-yet-developed products. I have to do some more thinking on this one.

Hope you have a good trip. Again, greetings and regrets to all.

Guess,
Harry

(6.5.1)

Date: 29 Sep 93 12:40:00 +1700
From: LEBECK_SUE@tandem.com
To: ifip-emailmgt@ics.uci.edu
Subject: Comments/Responses to EWOS query

Folks --

A few weeks ago, the EWOS Network Management subgroup on MHS enquired, via the NM-SIG, about the activities of IFIP Email Management. The queries were primarily information-gathering.

MM The IFIP Email Mgmt folks present at the Sept. 13-16 OIW meeting reviewed the queries and came up with the following responses.

Please have a quick look, and holler if you see anything objectionable.

I will be sending this to the EWOS folks (via e-mail, and "cc"-ing this list) later tonite. If you have issues, and didn't get a chance to respond in time, just raise them later, and we can update EWOS later if needed.

Again, it's mostly informational stuff.

THANKS all,
Cheers,
Sue

----- TEXT ATTACHMENT -----
SENT 09-29-93 FROM LEBECK_SUE

Response to query on EMAIL MANAGEMENT,
as referenced in question #12 of

"Report of the EGNM meeting, Stockholm, Sweden, July 20-13, 1993"
(OIW NMSIG-93/250, EGNM/93/161)

MM The following response was derived during the meeting of
IFIP Email Management held in the NIST OIW venue, Sept.13-16, 1993. *MM*

There has not yet been full opportunity for the larger IFIP Email Management community to comment, so some of the attached positions may change somewhat over time.

However, most of the attached is informational, and not positional, in nature.

The following questions were posed by the EWOS NM/MHS EG, to the OIW NM-SIG, re: IFIP Email Management. Responses follow immediately after each question.

1. EWOS NM/MHS EG is interested in the work of IFIP Email Management, and request both a response to their questions, and access to

6.5.2

the documents generated, prior to their next meeting on Oct. 6, 1993.

RESPONSE:

We are very happy to hear of EWOS' interest. Our current draft Requirements, Model, and Strawman MIB have all been posted to our open IFIP distribution list: ifip-emailmgt@ics.uci.edu. We will re-send these, along with our Charter, in the next day or so, so that in case you missed them earlier, you can retrieve them prior to your Oct. 6 meeting.

2. What is the relationship between the IFIP work and CCITT (i.e joint ITU-TS and ISO/IEC) work?

RESPONSE:

The scope of the IFIP work includes the management of Messaging/Email systems of any technology, eg., X.400, SMTP, LAN-Email. The IFIP work seeks, where possible, to encompass CCITT (ITU-TS) work, IETF (i.e. MADMAN) work, and other standards work, and to build from there.

We are attempting to make our work compatible with ITU-TS and other work. We are trying to learn about the ITU-TS work done to date, but have received only a subset of the documents.

As we have not seen all the documents, we are somewhat unclear on the extent or maturity of the current work.

Any assistance EWOS can provide re: access to and understanding of those documents, would be much appreciated.

3. Will the IFIP work utilize OSI approach, SNMP approach, or both?

RESPONSE:

Our goal is to fit into both approaches, but we recognize that, in some circumstances, this may not be feasible.

4. How can EWOS and OIW/IFIP progress together?

RESPONSE:

Interested parties should join the IFIP email list(s). The lists include:

ifip-emailmgt@ics.uci.edu	(general)
em-tf-req@gateway.mitre.org	(Requirements sub-task)
ifip-tf-model@uninett.no	(Model sub-task)
emib@stubby.dacnet.com	(MIB sub-task)

To subscribe, send a request to {listname}-request@{list's nodename}

Our work is organized under IFIP, and is open to all. All work takes the form of contributions, proposals, comments, etc., to the above email lists. All decisions are taken through

IFIP has never been officially contacted

??

reaching general consensus via Email.

6.53

People are encouraged to meet in any open venue to progress this work, and to submit the results of their work to the lists. The OIW venue, and the IETF venue, as well as company-hosted working meetings, have been used to progress the work.

We encourage you to use your EWOS meeting venue, much as the OIW and IETF venues are currently being used, to facilitate joint contribution by interested parties.

5. How does IFIP plan to publish its work?

We don't know exactly, but believe that a variety of options are open to us.

← *that's true!*

We will publish our Draft working documents as "Internet Drafts" shortly, in able to effect wide distribution.

We intend to register our MO definitions at an appropriate place, at an appropriate time.

We intend to work with appropriate standards bodies in order to progress this work as quickly as possible.

For example, we are working with IETF to accommodate the MADMAN (Messaging and Directory Management) work, which is about to reach "Proposed Standard" status on the Internet. MADMAN addresses the monitoring subset of X.400 / SMTP management.

Similary, we hope to accommodate and coordinate with the evolving ITU-TS work on the management of X.400 Email systems.

6. What relationship/links exist to the Network Management Forum?

RESPONSE:

We are also looking to NMF and other relevant sources for relevant MO definitions to leverage.

5.518

Date: Fri, 23 Jul 1993 16:38:13 -0400 (EDT)
From: DCIGAVIN@delphi.com
Subject: EMail World Conference Announcement - 35G1QM
To: ifip-gtwy@ics.uci.edu, ifip-wg65@ics.uci.edu, ifip-emailmgt@ics.uci.edu

EMail World Conference Announcement

EMail World, The EMail Enabled Technologies Conference and Exposition will take place on November 2-4, 1993 at the Santa Clara Convention Center in California. Experts from every segment of this dynamic industry will be there to share their experience and knowledge about the full range of possibilities in the EMail industry.

Einar Stefferud serves as Technical Program Chair.

There are 40 sessions in 5 Conference tracks:

Global EMail,	Gary Rowe, Chair
Enterprise EMail,	Gordon Preston, Chair
Mail Enabled Applications,	Nathaniel Borenstein, Chair
EMail Directories,	Dan Blum, Chair
Wireless EMail.	Jim Opfer, Chair

There will be over 100 companies demonstrating their EMail products and services, offering solutions to the issues that confront organizations each and every day.

Featured speakers include:

Mike Zisman of Soft-Switch
Gordon Bridge of AT&T EasyLink Services
Tom Evslin of Microsoft
John Sherburne of Sprint International
Larry Crume of cc:Mail
Jock Gill of the White House Office of Media Affairs
Paul Strassmann, former Director of Defense Information
David Farber, Electronic Frontier Foundation
Amy Wohl of Wohl Associates
Bob Marrrtin of Banyan Systems
Arvind Agrawal of Novell
Dick Sullivan of IBM

Exhibiting companies include:

AT&T EasyLink Services; Attachmate; Banyan Systems; Beyond Incorporated; cc:Mail; CE Software; CompuServe; Computerworld; Da Vinci Systems; Fischer International; Futurus; IBM; Infinite; Microsoft; Microsystems Software; Network Computing; Notework; Novell, Inc.; Powercore; Qualcomm; RadioMail; SoftArc, Inc.; Soft-Switch; StarNine; The Wollongong Group; Verimation; Vision Network Systems, Inc., Winga; WordPerfect; Z-Code. More are being added everyday! !

A twenty four page color brochure with all the details on this EMail World event is available upon request.

G.J.S.

For your copy send an EMail reply to DCIGAVIN@delphi.com.

Please retain the priority code 35G1QM in the subject line of your reply!
Alternatively, telephone us on 508 470 3880 or fax 508 470 1992, mentioning
your priority code for fastest service ! !

It is important that you give us your USMail address (so we can mail
the brochure) and your phone number and fax number (so we can keep you
updated on the latest speakers, exhibitors and receptions).

Thanks a lot for your interest!



5.10.1993
O.Martikainen

8.1

IFIP TC6 Task Group on INTELLIGENT NETWORKS (IN)

1. Organisation

In the TC6 meeting 93/1 in Versailles April 5-6, 1993, it was agreed to collect input and members to Task Group on Intelligent Networks (IN). To collect IN experts who would be interested to join the Task Group it was decided in May to include a Workshop on Intelligent Networks into the Lappeenranta University Summerschool on Telecommunications in August 10, 1993. The contributors to the IN Workshop were asked formally if they would be interested in joining the Task Group on IN. The call for papers and the program of the Workshop are included in annex.

Since some experts wanted to know the opinion of their organization, it was only in September the following list of interested expert members for the Task Group on IN was obtained:

James Aitken UK
Maria J.B. Almeida Br
Peter Delgado UK
Heinz Dibold D
Kari Lautanala SF
Olli Martikainen SF
Valeri A. Naoumov R
Jörgen Nörsgaard DK
Guy Pujolle F
Konstantin E. Samouylov R
Lennart Söderberg S

The full contact information of the experts are included in the annex.

2. Task Group work proposal

The following approach for the Task Group work has been discussed and is proposed to TC6:

The Task Group on Intelligent Networks would provide a sequence of Intelligent Networks Workshops in different countries, and in two years time an Intelligent Networks Conference would be arranged. The topics of the Workshops could include:

- IN Architecture and Performance Issues
- IN and Voice Service Creation
- IN and Voice Service Management
- Platforms for Service Implementation
- Software Methods and Tools for IN Services
- IN Database Technology Issues

The next Workshop places and dates should be decided.

IFIP TC-6 TASK FORCE ON INTELLIGENT NETWORKS**New members:**

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8.2

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A handwritten number '83' inside a hand-drawn circle, located in the upper right corner of the page.

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Announcement
and
Call for Papers

8.4

WORKSHOP ON INTELLIGENT NETWORKS

Lappeenranta University of Technology
10th August 1993

Lappeenranta University of Technology and Telecom Finland are hosting the International Workshop on Intelligent Networks in Lappeenranta, Finland, 10th August, 1993.

Intelligent Networks (IN) is an important development of modern computer controlled telecommunications. It facilitates distribution of intelligence that allows rapid development and deployment of new services by service providers. Just as important, IN reduces the time between conception of a service and its introduction. Hence, IN makes it possible for a service provider to differentiate services according to the needs of different customer segments. To obtain cost-effective IN-services, open service platforms as well as open protocol interfaces are needed. In future, IN-services may extend from narrowband to broadband services.

The aim of the Workshop is to collect state of the art contributions in the Intelligent Network technology and focus on the Service Creation and Management as well as open platforms and protocols for service implementation. Presentations are encouraged in, but not limited to, the following topics:

- IN Architecture and Performance Issues
- IN and Voice Service Creation
- IN and Voice Service Management
- Platforms for Service Implementation
- Software Methods and Tools for IN Services
- IN Database Technology Issues

Industrial contributions of practical nature and academic research-in-progress are particularly welcome. Prospective authors are invited to submit a preliminary version of their contribution by Monday 14th June 1993 to Mrs. Ansa Laakkonen, P.O.BOX 106, SF-00511 Helsinki, Finland, Tel. +358 0 7098 3515, Fax. +358 0 7098 3526.

The contributions should not exceed 15 pages double space A4 format typing, and they should include the title of the contribution, the full address of the author(s), affiliation, address, telephone and telefax numbers and the abstract of the contribution.

WORKSHOP ON INTELLIGENT NETWORKS

Lappeenranta University of Technology
Tuesday 10th August 1993

8,5

Lappeenranta University of Technology and Telecom Finland are hosting the International Workshop on Intelligent Networks in Lappeenranta, Finland, 10th August, 1993. The admission to the Workshop is free. Because of limited space, please send your registrations not later than July 23 to Ms. Ansa Laakkonen, PO.BOX 106, SF-00511 Helsinki, Finland, Tel. +358 0 7098 3515, Fax. +358 0 7098 3526.

PROGRAM:

- 9.00 OLLI MARTIKAINEN, Teleccm Finland
Opening
- 9.15 LENNART SÖDERBERG, Ericsson Telecom
Ericsson Intelligent Network Approach
- 9.45 KARI LAUTANALA, KARI VEIJALAINEN, Nokia Telecom
Intelligent Network Architectures and Services with
the DX200 Switching System
- 10.15 - Coffee Break
- 10.45 JAMES AITKEN, Logica Space and Communications Ltd
An Approach to Resolving Feature Interaction in Advanced
Intelligent Network Services
- 11.15 JOÃO MOREIRA, Telefones de Lisboa e Porto, S.A.
Intelligent Networks and Multimedia
- 11.45 TAPANI KARTTUNEN, Telecom Finland
Service Creation Process
- 12.15 - Lunch
- 13.15 CARLA CAPELLMANN, HEINZ DIBOLD, Deutsche Bundespost Telekom
The Object Oriented Petri Net Method for the Specification
of IN Services
- 13.45 JØRGEN NØRGAARD, Tele Danmark Research
An IBC Service Architecture
- 14.15 MARIA JANILCE B. ALMEIDA, CARLOS A. HEUSER,
LIANE M.R. TAROUCO, Federal University of Rio Grande do SUL
An Integrated and Intelligent Environment for Protocol
Specification
- 14.45 - Coffee Break
- 15.15 PEKKA LEHTINEN, Nokia Telecom
Performance and Overload Modelling of SCP and SSPs of an IN
- 15.35 KIMMO RAATIKAINEN, Helsinki University
A Framework for Evaluating the Performance of IN Services
- 15.55 JUKKA AIRAKSINEN, OLLI MARTIKAINEN, JARKKO SONNINEN,
HARRI TÖHÖNEN, Telecom Finland
UPT Service Management
- 16.15 TIMO METSÄPORTTI, ITF Oy, SEPPO NOPPARI, Telecom Finland
Alarm Management in Telecommunication Networks, Case Study
- 16.45 - Poster Demonstrations
VALERI NAOUMOV, KONSTANTIN SAMUYLOV, PFU Moscow
Portable SS#7 Implementation
JORMA JAAKKOLA, HARRI TÖHÖNEN, Telecom Finland
IN Pilot System
- 18.45 Evening Program: Cruising Tour at Lake Saimaa
starting from Lappeenranta Harbour



IFIP TC6

IFIP Technical Committee 6 (Communication Systems)

Please reply to:

Prof. Dr. Otto Spaniol, Aachen University of Technology,
Computer Science Department, D - 52056 Aachen (Germany)
Tel/Fax: +49-241-80-21400/21429;
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IFIP TC-6 Review. 1993

Preface: Background and History.

IFIP TC-6 Review Committee was set up early 1992 (after the end of Ron Uhlig's chairmanship). First actions have been some informal discussions (via phone, email) mainly concerning the composition of the committee. As a consequence of these discussions, a committee was created consisting of:

- Kurt Bauknecht (Cognizant Officer of TC-6 until 9/92)
- Dipak Khakhar (IFIP Trustee and TC-6 delegate from Sweden)
- Ron Uhlig (TC-6 chairman 1986-1991)
- Martti Tienari
- Otto Spaniol (TC-6 chairman since 1992)
- John Bennett (ICCC observer).

At the General Assembly Meeting in Toledo (September 1992) Angel Alvarez was nominated as new cognizant officer; the position of Kurt in the committee was taken over by Angel.

The first joint meeting of the committee members was held at the General Assembly in Toledo (September 1992). A list of tasks to be done by the committee was defined and discussed. Furthermore, it was decided to send out a questionnaire about TC-6 status. This questionnaire was based on some first ideas by Dipak and was finalized by Otto in October 1992. Thereafter, it was sent out via regular mail and via electronic mail to:

- all national delegates of TC-6
- working group chairmen and co-chairmen of TC-6
- chairmen of TC-6 task groups
- all chairmen of other IFIP Technical committees and working groups
- people in other organisations such as ICCC (International Council for Computer Communication) which have strong relations to IFIP TC-6.

A copy of the previous TC-6 report (1985, produced by G. Sacerdoti) had been added.

All recipients were asked to give comments on the twelve questions contained in the questionnaire. Those topics are repeated in the following section of this report together with answers obtained and (in most cases) with a combined view.

The number of responses obtained was not overly high; however, it was higher than expected and the answers were constructive. Names and statements of the contributors are mentioned in the report itself (in some cases the statements are slightly shortened).

A first summary and a preliminary version of the report was produced by Otto Spaniol and discussed at the second meeting of the committee (at the occasion of the IFIP Council meeting in Vienna; March 1993). The modified version of the report was distributed to all national delegates and WG chairmen of TC-6. The report was further discussed at meeting 93/1 of TC-6 (April 5-6; Versailles, France). Thereafter a final version of the report was created and agreed upon by the committee via electronic mail.

1. Evolution of TC-6 since last review.

The topic of 'communication systems' is extremely important. Its contents, however, are rapidly changing. This has had several consequences:

- The name of the technical committee was changed from 'data communication' to 'communication systems'.
- A new working group (WG 6.6 on 'Network Management') was established.
The actual working group situation is now as follows:
 - WG 6.1: Architecture and Protocols for Computer Networks
 - WG 6.4: Local and Metropolitan Area Communication Systems
 - WG 6.5: Application Layer Communication Services
 - WG 6.6: Network Management.
- WG 6.4a (WG 6.4a on Local Area Networks Management) was disbanded as a consequence of establishing WG 6.6.
- Aims and scopes have been revised:
 - for TC-6 in 1987 and in 1991
 - for WG 6.1 in 1982
 - for WG 6.4 in 1991
 - for WG 6.5 in 1989
 - WG 6.6 aims and scopes remained unchanged since the creation of the working group in 1986.

Hence, with the exception of WG 6.1 all the aims and scopes of both TC-6 and its working groups have been updated since the last review.

- Two working groups (WG 6.2 and WG 6.3) and subgroup WG 6.1a on 'Satellite Communication' have been disbanded.
In the case of WG 6.3 (Human factors) TC-6 recommended that encouragement be given for development beyond the scope of a working group, and this led on to the successful series of INTERACT Conferences and ultimately to the establishment of TC-13.
The other working groups were disbanded due to missing interest in the area or due to low participation by working group members. Remaining topics of those groups have been mostly taken over by WG 6.1; this working group has a particularly high level of integration of different research and development aspects.
- Another consequence of the evolution within the communications area was an agreement that newly emerging 'hot' topics should be studied by **task groups** and that it should be carefully studied whether and when a task group deserves an 'upgrade' towards a working group. Of course, it may also happen that a task group is disbanded.
The following task force groups have been established since 1990:
 - 'Broadband communication'
 - 'Wireless communication'
 - 'Intelligent Networks'
 - 'Performance of Communication Systems'.

Augusto Casaca, Portugal, TC-6:

It has evolved satisfactorily. The following positive facts should be noted:

- i. A new WG on Management (WG 6.6) was created and four new Task Forces were also created.
- ii. The composition of TC-6 in number of countries is strong.
- iii. The financial position keeps being solid.
- iv. A large number of high quality, well organized and successful conferences and workshops have been organized.
- v. A large number of proceedings have been published by North-Holland.
- vi. There has been a strong effort for penetration in developing countries.

However some non-positive facts should also be indicated, although they have a low weight, when compared to the positive ones. They are the following:

- i. Some "ghost" members continue to exist in TC-6.
- ii. Working group composition needs to be updated with the real names of people who contribute.
- iii. IFIP TC6 works towards achieving a 'pre-standardisation consensus'. However, no contribution of TC6 to standardization bodies resulting from work in the WGs seems to have been produced in the latest years.
- iv. Attendance to Conferences seems to be decreasing, although this is not necessarily TC-6 fault.

Branislav Meandzija, WG 6.6:

TC 6 has greatly improved in all aspects because of the increased activity of its Working Groups, especially Work Group 6.1, the reincarnation of 6.5, and the addition of WG 6.6 which is generating events and revenues comparable to the IFIP Congress. All of that was possible while maintaining and improving the strict quality standards of IFIP and TC 6.

2. Review of aims and scopes of TC6.

Aims and scopes appear to be correct. The following comment obtained by Harry Rudin is very strongly supported.

Harry Rudin, Switzerland, TC-6 + WG 6.1:

I have a hard time getting very excited about the words in our aims and scopes. What is more important is what we do!

Branislav Meandzija, WG 6.6:

Add IETF to the list of international bodies concerned with Data Communication.

D. Kochan, TC-5:

In IFIP Bulletin there is the notion "Local communication networks". I suppose that this is identical with "LAN". A more concrete reference is only found in the description of WG 6.5 (notion: WAN, LAN, ISDN,...). Does that sufficiently characterize the area which is very important for production technology?

3. TC-6 working groups (WG 6.1, 6.4, 6.5, 6.6).

Still necessary? Modifications? Missing topics? New working groups?

All of the working groups remain important. There is no 'exclusiveness right' for a working group in order to study a certain topic since there are different views to look at the same problem. However, some coordination remains necessary. A major problem (coordination between WG 6.4a on Local Area Networks Management and WG 6.6 on Network Management) has been solved in April 1993 when WG 6.4a was disbanded. A remaining question is about the separation between WG 6.4 (Local and Metropolitan Area Communication Systems) and Task Group 'Broadband Communication'; this will become even more important after the upgrading of the corresponding task force towards a working group (TC-6 is actually studying this possibility).

Augusto Casaca, Portugal, TC-6:

Nothing to say on the aims and scopes of WG 6.1, WG 6.5 and WG 6.6. WG 6.4 scope needs to be more precise. In my view the main area of activity of 6.4 should be LANs and HSLANs, including in its aim the study of specific management aspects of LANs and HSLANs, without the need to create a special sub-WG for it (WG 6.4a). The study items related to the extension of LAN technology to the private Metropolitan Area environment should also belong to the WG 6.4 scope.

In 1993 I don't see the need to create new WGs. In 1994 we should study the possibility of transforming some Task Forces into WGs.

**4. Task groups (broadband, wireless networks, intelligent networks, performance):
Still necessary? More task groups? Upgrade to WG recommended?**

The topics of all four task groups remain highly relevant. The actual situation of the task groups is as follows:

Task Group on 'Broadband communication' :

A first workshop on this subject was held in Estoril, Portugal (January 92). The second workshop is scheduled for 9-11 March 1994 in Paris.

Task Group on 'Wireless communication' :

The field is considered very important. Some of its aspects are already studied by WG 6.1 but WG 6.1 cannot cover the whole field.

Task Group on 'Intelligent Networks':

The possibility of establishing a joint task group with ICCC on 'Intelligent Networks' is explored.

Task Group on 'Performance':

Research area of the group is 'Modelling and Performance Evaluation of Communication's Systems'. There have already been several events organized by that group and some others are announced.

Actually, there are no other topics identified for creation of additional task groups. At least for 'Broadband' and for 'Performance' the upgrade towards a working group is envisaged. The other areas ('wireless networks' and 'intelligent networks') appear to be of equal or even higher relevance for the domain of communication systems. Due to a number of reasons (ranging from political problems to heavy overload by other engagements) it was not possible until now to start more activities in those areas by TC-6 but this situation will change in the future.

Augusto Casaca, Portugal, TC-6:

The four Task Forces are necessary. The Task Forces on performance, wireless networks and intelligent networks have precise objectives. The Task Force on Broadband networks seems to have some area of superposition with WG 6.4. This could be partially avoided, if the aims of WG 6.4 are the ones stated in 3. and the aims of Task Force on Broadband are more directed to the study items on ATM technology and public broadband networks.

**5. Relation between TC-6 WGs and other TCs + WGs (cooperation, overlapping, competition, etc.).
Current status and future perspectives.**

It has already been mentioned that no TC or WG may claim that they are allowed for monopolizing a certain topic. Thus, some degree of overlapping is possible and even desirable. However, too much competition should be avoided. There has been some discussion with IFIP TC7 (especially WG 7.3, 'Modelling and Performance Evaluation') about the necessity of creating a Task Group on Performance in TC6. It has been argued by WG 7.3 that "WG 7.3 considers this news disturbing, since WG 7.3 has made special efforts to cater to the needs of the communication community. Also, the field is stagnating, and therefore slicing the pie one more way will make it even harder to find quality papers and acceptable conference attendees". WG 7.3 wants to know the rationale for this new task force that (according to WG 7.3) will compete with WG7.3.

The point of view expressed by TC6 is that "Performance" is a major topic of all kind of communication systems. Of course, some aspects of it (e.g. a conference series on 'Performance of Computer Communication Systems' which is jointly organized by WG 7.3 and TC6) have been studied by WG 7.3. On the other hand, it is believed by TC6 that a more pragmatic access to those problems (which may be extremely useful from an operational point of view but which could be somewhat incorrect from a rather 'puristic' mathematical orientation) must be intensified in order to reach acceptance of performance ideas. The TC6 group will not compete against but intensively cooperate with WG7.3. Several members of TC-6 are active in WG 7.3, too. Another point is that a lot of leading experts in communication systems performance are not members of WG 7.3 (and many of them would certainly not pass the highly selective acceptance procedure of WG 7.3.).

There are numerous interactions between TC-6 and other TC-s. Some of them have been indicated within some of the obtained responses by officers from other TC's (see below). Among others, the cooperation with the following TC-s has to be improved:

- TC-8 (Information Systems; especially WG 8.3: "Decision Support Systems" and WG 8.4: "Office Systems")
- TC-5 (Computer Applications in Technology)
- TC-10 (Computer Systems Technology; especially WG 10.3: "Concurrent Systems").

Robert Meersman, TC-12:

The problem of overlap among different WGs in the same or different TCs has never been treated structurally within IFIP. With the field of computing "coming together" these issues have become recurring nuisances, e.g. the recent dispute between TC2 and SG14 over the considerable overlap between their respective WGs. Sometimes overlap is positive and should perhaps be encouraged, sometimes it creates redundancy and even conflicting interests. I am not aware of any specific TC6 problems in this area, but I am sure they exist as everywhere. I wonder if the time is not there to discuss IFIP structuring of TCs and WGs in a more general context. I would look forward to the opinions of other TC chairs on this, in particular.

Gerry Musgrave, WG 10.5:

I think like all Technical Committees and Working Groups it is extremely difficult to cope with all the inter-relationships that occur. As IFIP is run on a volunteer basis we do our very best to try and inform other colleagues but most of the time we are focused on our own activities. The more recent information about what is going on that circulates chairpersons has been greatly improved.

Henk Sol, WG 8.3:

From my background I would propose to pay more attention to the field of telematics: Especially designing functionality in distributed organizations is becoming a key field in the next decades. Joint initiatives should be welcomed.

D. Kochan, TC-5:

In certain domains a cooperation between TC-5 and TC-6 appears to be meaningful. Seeing the increased availability of 3D-CAD workstations and of "Solid Freeform Manufacturing Systems" there is an ever increasing need for a fast, reliable and cost-effective transfer of large quantities of data. Which of the WG's of TC-6 would be involved? The separation of work between the four WG's is difficult to understand.

Ben Zion Barta, WG 3.4:

Cooperation between TC-6 and WG 3.4 could be possible in the area of education and training of I.T. professionals and end-users, specific to the subjects related to communication systems. However, there has been no initiative in this direction, neither from my WG nor from members of TC-6 and its WG's.

6. **Activities of TC-6 and of its WG's (conferences, workshops etc.):**
Too few? Too many? Which activities are missing?
Which other activities should be installed (e.g. direct contribution to standardisation bodies, writing of textbooks by TC6,...).

TC-6 and its Working Groups 6.1, 6.4, 6.5 and 6.6:

TC-6 and its working groups are very active. Most of the activity, however, is done on conference level, i.e. important topics are identified and invited as well as submitted papers are presented at this occasion. It is obvious that the outcome of that strategy is a little accidentally. Organisation of conferences becomes very risky from a financial point of view. Break even points are much too high. Workshops are easier to handle and apparently more interesting for many participants since the most innovative ideas are presented at these occasions. Workshops, however, will contribute little or nothing to IFIP's and TC-6's revenues (apart from proceedings royalties, if any).

The most active working groups (at conference level) are WG 6.1 (Architecture and Protocols) and WG 6.4 (Local and Metropolitan Area Networks).

WG 6.6 (Network Management) is organizing a series of workshops on 'Distributed Systems Operation and Management' (yearly) and an 'International Symposium on Integrated Network Management' (every two years). The latter conference is 'business-oriented'. Organisation cost and budget size are - to my opinion - already beyond the upper end of what may be tolerated by IFIP.

WG 6.5 (Application Layer Communication Services) is less active on a conference level; it organizes a major workshop on 'Upper Layer Protocols, Architectures and Applications' every second year. On the other hand, this Working Group has created a very interesting initiative called 'Electronic Mail Management Group' together with WG 6.6. A group charter and a work plan have been finalized and agreed upon by electronic mail consensus. Requests to join the group should be sent to <ifip-email-request@ics.uci.edu>. Postings should be sent to <ifip-email@ics.uci.edu>.

This activity initiated by WG 6.5 (and WG 6.6 but WG 6.5 is the driving force) may be considered as an excellent example of what IFIP TC-6 may do in addition to pure conference organisation. One of the major intentions of TC-6 has always been the creation of a prestandardisation consensus for different areas of communication systems. However, the complexity of communication systems is growing enormously and a lot of powerful gremia, vendors etc are involved in that business. Thus, the chance for a committee of volunteers for being successful even in the 'pre'-standardisation area is really minimal. A good possibility persists, however, if flexible and cheap new media are used such as electronic mail.

Task groups

('broadband communications', 'performance', 'wireless networks', intelligent networks'):

Out of these four task groups the former two are very productive. This may be seen from the fact that workshops and even conferences are organized by those groups.

It is envisaged to upgrade the task groups on broadband communications and on performance, respectively, to working groups of TC-6.

There is, however, some overlap between those task groups and other working groups inside and outside of TC-6:

- 'Broadband' aspects are treated to some extent also by WG 6.4 (Local and Metropolitan Area Communication Systems).
- 'Performance' aspects are a domain of WG 7.3 (Modelling and Performance Evaluation).

On the other hand, there shouldn't be a right for any working group to have an exclusiveness for dealing with a certain topic. Usually, there are different views to look at the same problem. In the 'performance' case, for example, we may state that this WG is largely dominated by theoretical mathematics (with an increasing tendency) and that the communication aspects or the problems of a concrete realization have a lower impact. Thus, there is enough work to do for a group which looks at performance aspects starting from a more concrete communication viewpoint.

Augusto Casaca, Portugal, TC-6:

WG 6.5 should organize more activities. Task Force on Intelligent Networks and on wireless networks should also organize some activities. The activities of the other WGs and Task Forces seems to be at the correct level.

The possibility of writing text books under the responsibility of TC6 should be considered.

John Bennett, Australia, ICCO Observer:

One technical activity which seems to have been understressed is bandwidth compression, particularly for video and audio information. The techniques being developed in both of these applications are very different, and are becoming increasingly computer dependent - properly the domain of TC6 or perhaps a new WG. Also error detecting and correcting codes (particularly with a noisy channel) do not seem to be covered. These considerations are quite separate from the security concerns of WG 11.4, though no doubt some joint meetings might be appropriate.

Harry Rudin, Switzerland:

One current problem is that there are just too many meetings. Here my hope would be that TC-6 would aim at high quality in what it does organize. In several areas, providing a coordinating role may be increasingly important in the future.

7. How to improve the outside visibility and the acceptance of TC6? Other/additional types of publishing? New kinds of marketing?

Augusto Casaca, Portugal, TC-6:

Some ideas could be:

- i. Publishing of text books under the responsibility of TC-6.
- ii. Organization of a large scale yearly event on a specialized matter, under the direct responsibility of TC-6, possibly in collaboration with some WGs.
- iii. The old idea of giving a TC-6 award could probably be thought again.

Gerry Musgrave WG 10.5:

We, like TC6, organise various conferences etc and it would be very valuable to have the full range of IFIP texts available. This, in my judgement, is a total failing on behalf of North Holland publishing. We often have other publishers bringing along their range of material relevant to the conference topic.

8. Special problems of developing countries? Contribution to education?

Information dissemination to developing countries has always been one of the most important aims of TC-6. The committee tried to satisfy this goal by different strategies:

- Organisation of conferences in developing countries and in former socialist countries.

Examples of such conferences have been:

AFRICOM (was twice held in Tunisia, next time in South Africa in 3/95)

Networks 'xx' (held several times in India)

Network Information Processing Systems

(every four years in Bulgaria)

COMNET 'xx' (every four years in Hungary).

Moreover, some other conferences (without having the character of a conference series) have been organized in countries such as Brazil or Zimbabwe.

- Financial assistance for some delegates from developing countries in order to attend conferences in so-called developed countries. The available funds for doing so, however, is very limited - and it becomes even more restricted since less and less conferences end up in a surplus which contributes positively to TC-6 fund.
 - Distribution of up-to-date material and of some textbooks to developing countries. It would be highly welcome, if that distribution could be intensified. For example, one could imagine that North-Holland distributes the remaining copies of proceedings after three or four years (i.e. when no remarkable sales numbers may be expected any more) for little or no money to delegates in developing countries. This could, in turn, significantly increase the motivation of national delegates from those countries.
 - Organisation of seminars by so-called experts from so-called developed countries. Usually, such seminars or tutorials are only held in conjunction with conferences which are going to be organized in developing countries. The main or only purpose of these seminars is the provision of financial assistance for the travel cost.
 - Presentation of actual research and development results at the occasion of conferences in developing countries.
- This is one of the major interests which delegates from developing countries have when they plan to organize a conference in their home country. We have to admit, however, that in some cases the material presented is outdated or irrelevant. This is due to the fact that the developing country is rarely to be considered as the most important target area for the author of the manuscript. Another reason is that offers made by TC-6 national delegates usually are accepted without any reviewing (in order to guarantee that the delegate really shows up at the conference) and that, therefore, some low quality material (which would probably be rejected by other conferences) is offered. Finally, the selection of national delegates by their respective countries is rarely governed by didactic ability.

Augusto Casaca, Portugal, TC-6:

TC-6 deals satisfactorily with the problems of developing countries in my view. May be the contribution to education could be better, if special tutorials and courses on state-of-the art subjects could be organized.

Gerry Musgrave, WG 10.5:

TC6 will have to speak for itself. I know TC10 does not do enough for developing countries but it is a very difficult problem that we all try to address. Invariably it means time and money. Most of us are concentrating on trying to get money in to IFIP to make it a more viable proposition.

**9. 'Vision' of TC6 for the future, i.e. for the next 6 years?
What do we expect to be reached until that milestone?**

TC-6 appears to be too much concentrated in the organisation of conferences. The outcome of such events is hardly more than a proceedings volume. It will not be kept in memory whether a new result has been presented at an IFIP conference or not. Of course we must keep the conference standards as high as possible. However, other aims would be meaningful, e.g.:

- active contributions to standardisation bodies (it has to be remembered that the X.400 series of standards was initiated by WG 6.5; this fact was not perfectly 'marketed')
- creation of a series of relevant textbooks under the banner of TC-6
- improvement of outside visibility of TC-6
- improvement of cooperation between TC-6 and national computer societies (this is a task which is under the responsibility of national delegates - and much remains to be done in that area).

Augusto Casaca, Portugal, TC-6:

My view of the future of TC-6 is an evolutionary one.

Concerning the WG structure, most of the Task Forces should be upgraded to WGs in the next few years, and new Task Forces created in state of the art subjects. High quality should go on being a must for every action of TC-6, even on detriment of quantity if necessary. This applies to both conference organization and publication. For this purpose it is necessary to attract to TC-6 and its WGs, the leading researchers in the field.

Olli Martikainen, TC-6, Finland:

As a teleoperators viewpoint, the most important areas for us in the next few years will be:

1. New access network solutions such as Mobile and Wireless Local Loop
2. Computer controlled switching and management of Basic Network (narrow- and broadband)
3. Service Creation Environments for user based applications such as Intelligent Networks (VPN, UPT), Voice Services and Group Communication (including multimedia, voice, video). Here service integration will develop. These services are in fact Application Layer concepts.

I have the vision that open IN-service creation may be upgraded to broadband service creation, but in this the centralized IN-control may be distributed.

The WG 6.1 and 6.4 represent basic work w.r.t. points 1.-3. above. New services (point 3.) are breaking through in WG 6.5 area, and I was quite unhappy to notice that the IN-area has not been active in TC 6. The service management questions seem also be important, but they are still in an embryonic stage.

I would like to stress the Intelligent Network area somehow. Today it is the computer controlled application layer services for switching, and it could evolve towards ATM- and broadband services and on the other direction to UPT and mobile.

10. Financial situation and perspectives of TC6. Specific problems.

TC-6 is still rather 'healthy' and approximately twice as profitable for IFIP than every other Technical Committee. A lot of interesting conferences have ended up in a reasonable amount of surplus. However, the situation becomes worse:

Most conferences end up in a financial loss due to numerous reasons:

- high organisation cost,
- bad economical situation,
- reduced number of sponsors,
- missing attractivity of conference programme,
- too late or badly targeted advertising,
- overly high registration fees,
- ...

A (perhaps subjective) impression is that some conference organizers try to 'hide' any surplus from IFIP and that they even believe to be 'stupid' if they produce a financial benefit. There are many possibilities for doing so.

One of the reasons for an organizer for behaving in that unfriendly way might be that he or she prefers to make the 'own event' as brilliant as possible instead of allowing a surplus to disappear into a more or less anonymous sink where he or she won't have any control about the use of this money.

Therefore, we see a considerable risk that the financial situation of TC-6 (and of IFIP in general) will not become better. The "sponsorship fee" (which was recommended at the GA meeting in Toledo, 9/92) has been unanimously accepted by TC-6; indeed, TC-6 is probably the strongest supporter of that recommendation. Thus for every new event organized by TC-6 we ask for a reward of x Swiss Francs per participant per day where $x=10$ for a conference, $x=5$ for a working conference and $x=0$ for a workshop. Nevertheless, it is unclear whether this sponsorship fee rule will really help since the following is to be expected:

- 'conferences' will become renamed to 'working conferences'
- and 'working conferences' will be renamed to 'workshops'.

Finally, it will be difficult to get the sponsorship fee when the event has ended up in a deficit since the money will simply not be available.

The TC6 budget (from proceedings royalties and from conference surpluses) is mainly used for support of events which are going to be held in developing countries or in former socialist countries. It is estimated from statistics of recent years that TC6 might spend approx. 25 000 SF per year for support of events (provided that the financial statistics of conferences will not be radically changed but we see a risk that this might become true).

An example: Networks '92 has gotten a grant of 10.000 Swiss Francs but the usage of this grant has to be justified by the organizers and must be accepted by the TC6 treasurer.

The treasurer is responsible for:

- loans and grants for TC6 conferences
- budget information
 - before the event: check of planned incomes and expenses in AMB request form;
 - after the event: information about the financial outcome.

A major part of the budget is used for loans in order to facilitate the organization of events in the pre-registration phase.

Augusto Casaca, Portugal, TC-6:

The last decision of TC-6 in order that IFIP receives a fixed amount by every registered participant in a Conference, may probably solve the existing problem of harmonizing the contributions from the different Conferences to IFIP.

Branislav Meandzija, WG 6.6:

TC 6 is both in terms of the quality of its activities and profitability ahead of most other TCs (i.e. twice as profitable as any other TC). Perhaps TC 6 should be taken as the role model for other TCs and given more autonomy to experiment with new types of activities and organizational structures. An involvement into more experimental, applied, and practical activities and the generation of funds for the funding and marketing of these activities seem strongly desirable in today's world. A possible solution would be to allow WGs to have their own financial resources and financial management, independent from the TC. That would stimulate WGs towards profitability and would make the TC 6 and ultimately IFIP even more profitable in turn.

11. Membership and representation from different countries in TC6 and particularly in its working groups.

TC-6 membership:

The international representation of TC-6 is generally good. However, there are some problems:

Some 'important' countries are still not represented. For example, no country of the former Soviet Union was or is represented by a delegate. There is nobody from Egypt and from numerous other African countries. South American countries are not well represented etc. We tried to have better and more active representation by more countries - and we have been partly successful with that. However, the situation is far from being perfect.

The work of the committee suffers from the existence of some 'ghost' members. The TC-6 meeting attendance statistics proves that usually less than 50% of delegates show up at the meetings. For some delegates it has almost become a 'tradition' to send an apology for 'not being able to attend due to unavoidable other business'.

It must be admitted that TC6 has organized several meetings in locations which are not so easy to reach for a number of delegates. The reason for doing so was that meetings were planned in order to increase participant numbers and to provide good speakers for conferences in developing countries. This developing country aspect has always been one of the major guidelines for IFIP TC-6. Moreover, there was (and still is) a feeling that IFIP TC6 should not divert to EFIP TC6 (where E = 'European').

On the other hand, the lessons learned from the rather low and 'variable' attendance is that we must have a better distribution of meetings, i.e. that at least one meeting per year must be organized in a place which is easily reached for almost all delegates. Meetings in 'weird locations' (as expressed by one of the delegates) must remain - relatively few - exceptions. Another problem is that TC-6 (as the only IFIP Technical Committee) organizes two meetings per year.

There are good reasons for doing so:

- Meetings may be combined with TC-6 events especially in developing countries (and there should be a hope to see more foreign experts if you have a TC-6 meeting in conjunction with a conference).
- The average distance for reaching at least one of two successive meetings becomes lower; however, this didn't lead to increased participation in the past.

On the other hand, there are arguments why two meeting per year could be too much:

- The traveling time and cost is increased for those delegates who attend both meetings.
- There is a lot of things to repeat for delegates who missed the previous meeting; thus the 'overhead' per meeting is increased and the time for concrete work is correspondingly reduced.
- Finally, the number of decisions is not so enormous that two meetings per year are really necessary. Much more effectiveness could be reached if the majority of questions could be handled by electronic mail.

This electronic mail alternative has been increasingly used since a few years. The problem is that some delegates don't have access to this facility; in industry, for example, there is little or no use of this facility - and we can't afford to keep out those delegates from what is going on.

Working group composition:

Working group memberships don't reflect the actual situation of active contributors. The present lists are more or less outdated.

The most recent list of WG 6.6, e.g., contains no less than 110 (!) names. It is more than obvious that very few of those members will be really active. The list seems to be created by attendance lists of conferences.

WG chairmen and national TC-6 delegates have been asked to present new lists which are restricted to active people and to leading experts - but this needs time.

Participation of WG-chairmen at TC-6 meetings is not always satisfactory. The situation is very similar to the case of national delegates: there exists a kind of ghost membership which is difficult to solve (whenever you have finally solved a particular case the next one has already appeared).

'Domination' of TC-6 by members of academic institutions:

TC6 becomes more and more dominated by academic people. This may be explained by a number of reasons:

- member countries make nominations independently of each other; thus decisions made by one country are not compensated by other countries nominations;
- delegates who work in universities or in research laboratories often have a higher motivation for voluntary work since that may positively contribute to their curriculum vitae;
- delegates from industry have a relatively high 'renewal rate' (it is not unusual that their working area becomes significantly changed and that they have to give up their former engagements);
- in the actual economic situation there are less and less industrial employers who believe that they may afford additional work for IFIP on a voluntary basis; the cost for preparation of work (e.g. production and presentation of papers) as well as for the absence from the office during meetings or conferences is very high - and the return of investment for that is difficult to convey; on the other hand, meeting attendance becomes more and more difficult to arrange for university people from a financial point of view;

The consequence is a lack of input and of new ideas which have to be contributed by 'real practice'. However, those ideas would be most important for IFIP's relevance.

Motivation of delegates:

Motivation of national delegates and of WG members varies significantly in time. Usually, a person becomes active only if he or she detects some concrete positive outcome. This may be the engagement in the organisation of a conference or a workshop (very often the delegate becomes rather passive after such an event has been held!). It is extremely difficult to give a motivation for a delegate under 'normal circumstances'.

12. Cooperation with other organisations (e.g. ICCC). What has been reached, what should be improved and by which means?

Augusto Casaca, Portugal, TC-6:

Existing cooperation with ICCC is a good example of cooperation with another entity. This cooperation is useful for both parts and should be kept at least at the existing level, if not increased.

John Bennett, Australia, ICCC Observer:

The relative orientation of TC6 and ICCC has been discussed, and the agreed guidelines for a split of subject matter (technical matters for TC6 and social implications of computer communications for ICCC), although they give some guidance, are difficult to implement in practice. However, no conflicts appear to have arisen. Perhaps there would be some advantage in joining with ICCC in holding conferences for developing countries. At present, ICCC holds CCDC conferences about every two years.

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Date: Thu, 9 Sep 1993 06:42:49 +0200
From: aalvarez@dit.upm.es (Angel Alvarez)
To: spaniol@informatik.rwth-aachen.de
Subject: IFIP GA

Dear Otto,

Everything went superb with the reports from TC-6.
GA commended TC-6 for its excellent work and set it as an
example for others to follow. Congratulations!

TC-6 Review was presented at TA and now TA Chair will study
it and inform Council next March of his findings.

Best regards,
Angel

P.S.: I am still in Tokyo ... using TC-6 wonderful technology!!

IFIP's publication policy - the view of TC 6

IFIP should not go out of the conventional book printing strategy (even if proceedings copies have lower sales numbers then before).

IFIP needs a publisher who has an international reputation. TC6 is against some ideas which have been expressed at the council meeting in Vienna which seems to indicate that IFIP should seek for (maybe changing) very cheap publishers etc. The position of TC6 is that IFIP needs good visibility - and for that respect the Elsevier booklets were extremely well suited (however, we have to recognize that for the US market Elsevier doesn't have the best penetration).

The quality of published work must be kept high and in some cases it must be significantly improved. To our opinion, the reduced sales numbers of proceedings are at least partly due to the fact that too many low quality papers are included. A proposal is that (immediately after the conference) some programme committee members have to select the really (!) best papers where 'best' doesn't necessarily mean 'quality of mathematical dry and useless exercises' but rather 'trendsetting new ideas'. This procedure should or has to limit the number of published papers very significantly. In some cases the remaining number could be so low that a special issue (or even a subset of such an issue) of a related journal would be suitable - such as 'Computer Networks and ISDN systems' in the case of TC6 and North-Holland.

New publication media such as CD-ROM or storing of documents on international file servers should be gradually added but they cannot replace the existing facilities (i.e. the books and/or journals printed on paper) during the next - say - decade. Whereas such a replacement may be technically feasible and theoretically possible it would exclude a lot of people from the usual way of getting the information and it would drastically reduce the external visibility of IFIP.

Flexibility of publication must be significantly increased. This would mean for example:

- that perhaps no proceedings at all appear after a conference if it came out that after all the quality was too low
- that maybe only two or three leading papers would be published in a suitable journal
- that (if the case requires) even more than one book would be printed for conferences which were highly interesting [I suppose that this will remain an exception].

The introduction of proceedings packages (such as series C for TC6) was probably motivated by a dream that a lot of libraries take the whole package and that, therefore, also the 'weaker' books would be sold reasonably well. There are, however, some important drawbacks:

- apparently most of the libraries didn't follow the strategy (this is proven by the low number of sales for proceedings packages)
- some committees are unnecessarily 'squeezed'; TC6, for example, is allowed to publish eight books in 1993 and ten in 1994 but this number is not sufficient.

About the cooperation with North-Holland in general:

Despite all the problems TC6 liked the cooperation with North-Holland; in every family the coexistence is difficult even if the usual life is harmonic. If North-Holland would quickly introduce a more modern publication procedure (shorter production times, more alternatives, maybe also cheaper prices for some simplified editions,...) then this could be perfect for IFIP as well as for the publisher. We shouldn't forget that IFIP 'lives' to a substantial amount from the royalties paid by its publisher. Thus we strongly hope that the cancellation of the contract made by North-Holland will be comparable to similar events for example in football where some players cancel their contract even if they don't really want to leave the club but when they just want to get a better offer for a new contract. IFIP should not give up the visibility of its publication which is the outcome of a long-lasting effort.



IFIP

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INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING

Date: July 16 1993

Address reply to: 43, Pewley Hill,
Guildford,
Surrey, GU1 3SW
U.K.

Tel. +44 483 66933

To PC and TC Chairmen, SG Chairmen
Copy to Executive Board

Dear Colleagues,

Noone in IFIP expects a massive response from its members in response to a request for input but I have been disappointed by the poor response to my paper on publications. Since I am no expert I am very dependent on good contributions from those with a better knowledge and strong views. I delayed the production of my second paper in the vain hope that further help would be forthcoming.

Let me first acknowledge valuable input from Davis, Caelli and Späniol and from Japan, France, Denmark, Hungary, Zimbabwe, Germany and the UK.

In Tokyo we have to agree a Statement of Requirements against which we can invite bids. At the moment I cannot see the possibility of producing an absolutely specific set of requirements. I believe we will need to permit bidders to make some proposals of their own while satisfying any mandatory requirements that we may specify. We will need to be as specific as possible in Tokyo but at present I don't feel able to produce a draft S of R. What I have done is to produce two papers. The first is a "dream" which tries to capture everything remotely practicable that has been proposed. The second is a more prosaic analysis and commentary.

I shall be more than grateful for any contribution you can make towards building up the S of R especially if you didn't respond the first time round. I need it as soon as possible, please.

Yours hopefully

G J Morris

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IFIP PUBLICATIONS - A DREAM

While everyone foresees a growing impact of electronic publishing it will be quite impracticable to move away from paper entirely for many years, not least because of the many parts of the world without networking facilities.

So we still need books, cheap books. Our aim should be to produce a proceedings volume before each event, including every paper to be presented. Printing would be carried out in a low cost country by a well-established and reputable printer. The printer will be presented with high quality, camera-ready copy prepared by contributors and editors.

Immediately after the event a second version of the book will be produced containing only those papers judged to be of sufficient quality for the purpose. These books will be marketed by an international publishing house and/or through national Member societies of IFIP.

At the same time the title, author and an abstract of each paper together with full text will be entered into an internationally accessible database, a digital library. This will be achieved either by direct input of a digital version of the original paper or by scanning. Individual workers will then be able to identify suitable material and request one or more printed papers which could either be from a stock of pre-printed material or specifically printed from the file. Alternatively the customer could take an electronic copy from the network and store and print it locally. In all of these cases payment would be through a charge card or against a pre-arranged account.

The stored material will also be available on CD-ROM (or whatever medium supercedes it!)

There will be a series of IFIP journals, refereed to a high standard which will include both commissioned and submitted papers together with papers (either original or revised) selected from recent IFIP books. There will also be IFIP text books or state-of-the-art books volunteered by or commissioned from TCs.

All of the above will be under the management of a newly created IFIP Press.

G.J. Morris
July 16 1993

Thus far our publications are essentially limited to books of proceedings mainly of working conferences. We have made reasonable progress in speeding up the production process but, even so, too many are late.

Sales are falling and overall profitability is poor. Most volumes sell relatively small numbers and those principally to libraries. Small numbers mean high production overhead costs and in turn high prices. Substantial discounts on offer to individuals have little impact. Nevertheless, because of the large number of books IFIP royalty income has been substantial.

It is interesting to consider if the book is the most sensible unit of publication. The sheer mechanics of the process in the past has made it a convenient unit. Even though one of our books reflects the work of a single specialist event it is quite possible that a single research worker may be interested in only one or a few of the papers. So while it may be sensible for a library to acquire a book because it has a number of readers with a wide range of interests, the individual reader couldn't justify paying the relatively high price for a book because of his more limited interest. Ideally he would like to acquire individual papers - if he could easily find out what exists.

There is a view that even if the price of our proceedings were somehow to be slashed we still wouldn't sell many more simply because not enough people have sufficient interest in that treatment of the subject, unlike text books or state-of-the-art reviews.

One of the obstacles is a generally held view that there are too many papers in our current books which are not good enough. It may be entirely appropriate for such papers to be accepted by the programme committee (and included in a pre-proceedings volume) but our cause is not helped by publishing them in our post-proceedings books. There is, of course, the quandary about publishing for academic record. It is said that many possible authors might cease to submit papers unless they are assured of publication. There is a contrary view which suggests that higher quality publications will themselves encourage more high quality submissions.

Technology

Before considering "electronic" publishing it is important to remember that as a genuinely international organisation with a special concern for developing countries we cannot for the present assume the universal availability of networked library information systems. It may well be, therefore that paper will be an essential part of our publishing for some years.

10.5

The actual production of printed proceedings has never been easier. It is not too many years since all books were typeset. With the aim of reducing escalating costs proceedings volumes were switched to camera-ready material. In the early days this was often of poor quality but the rapid development and spread of computer-based word and text processing systems has resulted today in a great deal of very high quality material so that there are few qualms about the visual quality of today's IFIP books.

A direct consequence, of course, is that the great majority of papers exist electronically at their source and some are already submitted to editors on disc or by e-mail. It is therefore an obvious step to consider making all papers available on a database or digital library.

Apart from its technological appeal to IFIP people there would be great benefits if this could be achieved. Perhaps the most important would be the facility to identify papers of interest to an individual through comprehensive index and word searches. This would achieve publication by paper, a very desirable objective.

As to the practicability of this approach, who knows? Some publishers are experimenting but there are many difficulties, not least those of copyright and revenue protection. The e-mail system appears to some to be already awash with a deluge of often unwanted and irrelevant, time consuming information and this could easily produce some sort of backlash.

An intermediate step would, of course, be the CD-ROM but, so far, this seems not to have made much progress in this field.

Marketing, selling and service.

In the all-electronic publishing world one could imagine far less need for promotion and selling. Research workers will be familiar with databases relevant to their work and will scan them regularly for items of potential interest. Abstracts and index information about every paper could be made available well in advance of the official publication date so that the process would be much more in real time and hence much more valuable.

Until that day dawns, if ever, there will remain a real need for the effective marketing and promotion of our products. There have been suggestions that a variety of "cheap printers" could be used to produce our books around the world but while the printing costs might be low such printers could do little to promote sales. We would either have to do that ourselves and through our Member societies or through one or more appropriate international companies. Similar considerations apply to CD-ROMs. The input received from Member societies shows little evidence of an ability or desire to become actively involved in promoting or

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selling IFIP publications.

Some IFIP people who are critical of the pricing of existing publications fail to recognise the amount of work put in by our current publisher and the level of service they provide to editors, authors, enquirers and IFIP as a whole. IFIP would surely wish to continue to provide such a quality of service. Whatever solution we adopt it is strongly argued that we should work only with companies that have an international reputation.

An "IFIP Press"

Some of our Member societies operate successful publishing houses either on their own or in close association with a commercial publisher. While this may today involve the publication of books the origin of the activity was in the publication of journals, newsletters and the like for distribution to a substantial number of individual members and it was on that foundation that the ventures were built. While all of these publishing activities involve a substantial amount of voluntary, part time effort in the form of editors, editorial boards and so on they are all dependent on paid managers and professional staff.

IFIP shouldn't ignore the possibility of establishing an IFIP Press nor should it ignore the costs and commercial risks that would be involved. It seems certain that such an endeavour could not be attempted on our own but it might be possible to consider a joint arrangement.

Royalties

Our royalty income has been substantial and we have recently developed ways of sharing it with the TCs whose efforts have contributed to it. A realistic view suggests that we can expect a drop in income which is unwelcome to IFIP and may also serve as a disincentive to our TCs who will, no doubt, have strong views on any new publishing arrangements.

The system of royalties from book and journal publishing is well understood and works. There is currently a variety of experiments in charging for electronic publishing where the availability of material on a network poses all sorts of problems. These range from a credit card charge for a printed version of a paper identified in an index to a subscription service for libraries for a defined or unlimited number of accesses. There are many hazards!



Université
de Liège

INSTITUT D'ELECTRICITE MONTEFIORE

11.1
Systèmes et Automatique
Professeur A. Danthine
Sart Tilman B28
Parking 32

Liège, 20 September 1993

Prof. Dr. Otto SPANIOL
RWTH
Informatik IV
Ahornstrasse 51
D - 5100 AACHEN GERMANY

Dear Otto,

It finally appears that I will not be able to go to Sofia.

Please find enclosed the report on PSTV XIII which was held in Liège last May.

I want also to remind you about the sponsorship given or taken by some people without formal request on it and without contributing to the finances of IFIP.

I would like to see the TC 6 take a clear statement in relation to this point otherwise I doubt that anybody will ever pay the royalties to TC 6.

Give my best regards to all friends at this TC 6 meeting and I hope to be able to attend the next time.

Amicalement,

Adresse postale
Postal address

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PSTV XIII - Final Report

11.2

1. Introduction

The Thirteenth International Symposium on Protocol Specification, Testing and Verification (PSTV XIII) was held in Liège, Belgium, from the 25th to the 28th of May 1993.

Although the call for papers encouraged submissions of theoretical papers, the programme was actually a good balance between theoretical and practical contributions. An analysis of the contributions reveals that papers are related to protocol engineering, improvement of formal methods, verification and synthesis methods, conformance testing and application to real case studies.

Based on the 232 reports provided by 125 referees, the Programme Committee selected 20 papers out of 60 submitted ones from 20 countries to compose the core of the Symposium. All of them were presented. To solve conflicts between referees' ratings before the PC meeting, the comments on 23 papers were circulated among PC members by e-mail. This was made possible thanks to the large proportion (84 %) of review forms received by e-mail (195 out of 232).

Three invited speakers of international repute have completed and broadened the scope of the Symposium programme: a keynote address by Chris Vissers on "*What Makes Industries Believe in Formal Methods*" and two invited presentation by Ken Turner on "*Protocol Engineering with Formal Methods*" and Bertrand Meyer on "*Systematic Concurrent Object-Oriented Programming*".

One panel, chaired by Ed Brinksma on "*Standardization, Pain or Pleasure?*", was animated by André Danthine, Stephen Pink, Juan Quemada and Colin West. It addressed the issue whether protocol standardization should be pursued actively, or that the Darwinistic approach of de facto standardization is to be preferred.

Finally, two one-day parallel tutorials were organized ahead of the Symposium, on the 25th of May 1993, to provide participants with an opportunity to learn the basic concepts and applicability of formal methods. Tutorial A by Juan Quemada and Arturo Azcorra was on "*Applying LOTOS in Industry*" and tutorial B by J. Sifakis was on "*The Automatic Verification of Protocols*".

The attendance of nearly 100 people, coming from 18 countries, has confirmed that the area of protocol specification, testing and verification remains of high interest, and that a new PSTV Symposium should be organized by TC6/WG6.1 in 1994.

The next PSTV will be held in Vancouver, B.C., Canada, 7-10 June 1994, and chaired by Samuel Chanson and Son Vuong.

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2. Detailed report

Detailed statistics on the call for papers, the submissions, the reviewing and the selection are provided below. Here are a few comments on these figures and how they relate to previous PSTV symposia.

2.1 Call for papers

The preliminary call was available at PSTV XII in Orlando on June 22, 1992. The final call for papers was mailed on September 30, 1993.

2750 copies were mailed over the world (1400 in Europe, 750 in Belgium, 450 in North America, 150 others). An email version was sent to several mailing lists (e.g. IFIP 6.1 Newsletter, Concurrency forum, ...)

The call appeared in:

- IEEE Computer
- IEEE Communication Magazine and IEEE Network
- Communications of ACM
- Computer Networks and ISDN Systems
- As the back cover of Computer Communications (October 92 issue)

It was also distributed at PSTV XII, CAV92, ISO/SC6, FORTE'92, ...

Several PC members also distributed copies of the call.

2.2 Paper submissions and reviewing process

60 papers were submitted.

In addition to the 23 PC members, 13 additional people had agreed to be official PSTV XIII referees. For each paper we selected at least 3 referees among the PC members and the fourth referee was most often among the 13 additional ones. Starting with these 36 responsible referees, we got at the end 125 acting referees involved.

Two papers were rejected directly without reviewing because they were submitted 7 weeks after the deadline. Two papers were reviewed by 3 referees, 55 papers by 4 referees and 1 paper by 6 referees.

We received all the review forms except one (i.e. 232 reviews) among which 195 (i.e. 84 %) were received by email. It allowed us to circulate among the PC members, prior to the PC meeting, the reviewers' comments on 23 papers which got conflicting reviews. Many conflicts were solved by email in this way.

Finally, 20 papers have been selected out of the 60 submitted papers. That is a ratio of one third. As regards previous PSTVs, this ratio is among the strongest ones as shown on the next table.

PSTV Statistics on submission and acceptance

	# Papers Submitted	# Papers Accepted	Acceptance Ratio
PSTV VII	59	26	44 %
PSTV VIII	75	28	37 %
PSTV IX	94	26	28 %
PSTV X	67	23	34 %
PSTV XI	53	21	40 %
PSTV XII	89	22	25 %
PSTV XIII	60	20	33 %

The following tables provide more detailed statistics on the submissions.

Submissions by country of origin (of first authors)

	Submitted	Accepted	Acceptance Ratio
France	10	4	40 %
UK	9	4	44 %
Canada	8	3	37 %
Germany	6	1	17 %
The Netherlands	4	2	50 %
Italy	3	0	0 %
USA	3	1	33 %
Belgium	2	2	100 %
Greece	2	0	0 %
Spain	2	1	50 %
Switzerland	2	1	50 %
Australia	1	0	0 %
Denmark	1	0	0 %
Japan	1	0	0 %
Korea	1	0	0 %
Kuwait	1	0	0 %
Poland	1	0	0 %
Slovenia	1	0	0 %
South Africa	1	1	100 %
Taiwan	1	0	0 %
TOTAL	60	20	33 %

Submissions by affiliation of all authors

Affiliation	Submitted	Accepted	Acceptance Ratio
Academic	50	15	30 %
Industrial	8	4	50 %
Joint	2	1	50 %
TOTAL	60	20	33 %

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Submissions by topics

Topic	Submit.	Accept.	Acceptance Ratio
Testing	14	4	29 %
Validation	14	4	29 %
Application	9	4	44 %
Impl., transf.	8	3	37 %
FDTs	6	2	33 %
Spec. , design	4	1	25 %
Performance	2	1	50 %
Synthesis	2	1	50 %
Miscellaneous	1	0	0 %
TOTAL	60	20	33 %

2.3. Programme Committee Meeting

The PC meeting took place on Friday 5th March in Liège. In addition to the three co-chairpersons, 8 members of the PC were present: Gregor v. Bochmann, Ed Brinksmas, Stan Budkowski, Michel Diaz, Luigi Logrippo, Juan Quemada, Joseph Sifakis and Michel Sintzoff.

Several other PC members had provided comments on the early classification of papers during the email exchange that preceded the PC meeting.

2.4. Distribution of the Programme and announcement

The final programme was mailed on March 29, 1993.

2800 copies were mailed over the world (1450 in Europe, 850 in Belgium, 400 in North America, 100 others). An email version had been already sent on February 19, 1993 to people closely related to PSTV (authors, reviewers, PC members, people who had returned the form attached to the call for papers, participants to FORTE'92, ...) and to several mailing lists (e.g. IFIP 6.1 Newsletter, Concurrency forum, ...)

The announcement appeared in:

- IEEE Computer
- IEEE Communication Magazine and IEEE Network
- Communications of ACM
- Computer Networks and ISDN Systems

Several PC members accepted to distribute some additional copies (overall $\pm$ 500 copies).

2.5. Attendance to PSTV XIII

Tutorial A	16
Tutorial B	31
Symposium	93
Symposium only	48
Symposium + tutorial	45
Tutorial only	2
Total	95

The attendance level was again low this year. The following table allows some comparison with previous PSTV events:

	Participants	Foreigners	Nationals	
			External to Organ. centre	Internal to Organ. centre
PSTV IX (1989) in Enschede (NL):	± 190	± 145	± 25	± 20
PSTV X (1990) in Ottawa (CDN):	± 190	± 100	± 60	± 30
PSTV XI (1991) in Kista (S):	± 185	± 95	± 70	± 20
PSTV XII (1992) in Orlando (USA):	± 95	± 50	± 30	± 15
PSTV XIII (1993) in Liège (B):	95	70	13	12

We may at least give the following two reasons which, according to us, explain this low attendance level:

- The economic crisis (all conferences suffer from similar problems this year)
- The proximity in time and space with respect to the previous very successful FORTE'92 conference in Perros-Guirec (France) in October 1992. It is likely that, taking account of the first reason, the same people cannot justify their participation to a second event that has more or less the same audience as PSTV.

Distribution of attendees by country

EC countries

Belgium	25	
France	17	
The Netherlands	11	
Germany	6	
United Kingdom	5	
Italy	3	
Spain	2	
Portugal	1	
Total		70

Other European countries

Switzerland	3	
Finland	2	
Norway	1	
Total		6

North America

Canada	4	
USA	4	
Total		8

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Rest of the world		
Rep. of Korea	3	
Algeria	2	
South Africa	2	
Turkey	2	
Brazil	1	
Total		10
Grand total		95

Distribution of attendees by affiliation

Universities	53	56 %
Research centers	24	25 %
Industries	18	19 %
Total	95	100 %

3. Summary of important dates

Preliminary call available at PSTV XII in Orlando on June 22, 1992

Final call for papers sent on September 30, 1993.

Deadline for submission of papers: December 18, 1992

Papers sent to reviewers on January 5, 1993

Email versions of review forms sent on January 6, 1993

Acknowledgement of submissions sent to authors on January 8, 1993

Deadline for reviews: February 19, 1993

Email exchange between PC members, conflict resolution: February 25 to March 3, 1993

PC meeting on March 5, 1993

Letter of acceptance/rejection sent to authors on March 10, 1993

Acknowledgement to referees sent on March 15, 1993

List of authors sent to North Holland to allow them to dispatch the kits on March 22, 1993

Deadline for camera-ready version: May 3, 1993

Symposium: 25-28 May 1993

Manuscript sent to Elsevier: 24 June 1993

Volume published by Elsevier (IFIP Transactions C-16) available since 17 September 1993

This report sent to IFIP TC6 for consideration at the October 1993 meeting

ICODP93 Jan de Meir

17.8

Report of the ICDP93 Conference in Berlin September. 13th to 16th 1993

The international conference on Open Distributed Processing was successfully held for the 2nd times in Berlin. The ICDP93 did provide a platform for discussion of 112 participants from 22 nations including participants from Far East, i.e. Australia, Korea and Japan; from the East European Countries of Russia, Hungary, Latvia and Bulgaria, but also from U.S. and Canada. From the Northern European countries Norway and Finland were represented.

Almost all West European countries, i.e. Portugal, Ireland, Belgium, Greece, Italy, France, Switzerland, The Netherlands, Denmark, Great Britain and Germany have send their representants to Berlin. Of course, the inviting Germans came with the biggest delegation, followed by Great Britain, Australia, Canada and France. The other nations were represented by one to three representants.

By the analysis of the participating groups, one can conclude that "ODP" is still matters of academic discussions. The industrial participation did slightly exceed one fourth of the total number of participants. 33 participants can be devoted to industrial labs, whereas the Universities have been with 42 representants the biggest group. The others came from public and private research institutions. These facts approve the concept of the ICDP conference series to promote the ideas of Open Distributed Processing outside the Universities and Research Labs. And, in fact, on listening the industrial voices, it was said, that "ODP" provides with an attractive approach, but realisation guidelines and possibly communication and interface standards must become available in a time frame of two years from now on. Thus, the success of "ODP" will depend on the harmonized activities between all contributing groups and ICDP is a forum successfully established where independently and openly all stakeholders of ODP are able to present and discuss new concepts and approaches to realize the vision of distributed processing open to the introduction of new technology, new computer supported services in banking, medicine, telecommunications etc., and last not least, the adaptation of customer's needs.

The ICDP conferences always highlight a specific application area of ODP. For the first event in 91 it was telecommunication, the second event in 93 was devoted to "informatics in medicine". Even so, it is well known that computer scientists work on a framework for "Advanced Informatics in Medicine (AIM)", similar to that of an AIM enterprise in the sense of the ODP framework. We have not been able to activate the AIM community and make them sensitive for ODP. To come together is in the interest of both parties, the framework builder and their customers, in this case the medical applications. To the call for papers there have been only few contributions from the AIM related community, i.e. the BERKOM Multi Media Transport System; a proposal of the University of Hagen on the design of distributed medical systems; the invited talks on Medical Applications of ODP and on an ODP-oriented framework for European Services in Telemedicine of the German Heart Centre and the Technical University Berlin, respectively. So, the attraction of the selected themes could not be blamed for the missing AIM audience. But it is very hard to overcome with the gaps between apparent different topics. However, it is still reconcilable with the conference objectives to attract new enterprise communities for ODP.

Well, in total we got 53 papers, out of which we have selected only 16 papers. This is, because, after the first workshop on ODP in 91 we have agreed to attract the programme by avoiding parallel presentation sessions and to give preference to presentations by key note speakers.

The few selected papers might also have influenced the total number of participants of the conference. Talking not too much on abstract numbers, we can point out, that Kerry Raymond and Mirion Bearman both from the University of Canberra gave key note presentations on the ODP Reference Model and the ODP Trader, respectively. Mario Campolargo from the EC RACE Central Office in Bruxelles introduced in-depth into the RACE ODP issue of Service Engineering. Jacob Slonim, an industrial stake holder from the Centre of Advanced Studies of IBM Toronto focused on the realisation of Distributed Programming Environments. The information aspects were represented by the invited speaker Michael Björn from Tsukuba University Japan. Gordon Blair, in his invited talk, build the bridges between ODP Applications and Computer-supported Cooperative work. Together with the medical applications this is in fact a broad spectrum of ODP-related issues and rather heterogeneous groups, which was the intention of the organizer to join them on a round table. Thus heterogeneity was prior to quantity, and since all speakers have accepted our invitation we have been right.

The selection of the scientific reviewed papers were based on their quality independent of the origins of the authors, strictly based on the available reviews. Thus we have been able to build session on the topics "trader trading", "distributed systems", "quality of multi media services", "distributed applications" and "ODP design and modelling concepts". In all sessions, except in the last one where four papers have been presented, three papers became presented. Papers, which got good reviews, but were not be able to be assigned to one of our sessions, became proposed for short paper submissions (position statements), for discussion in the three parallel workshops. For the workshops three themes have been selected "Architectural Semantics" chaired by Chris Vissers, Twente University, NL, "Object Management Architecture", chaired by John Slitz, Object Modelling Group, U.S., and "Advanced Informatics in Medicine" chaired by Marlene Gemeth, DeTeletkom Berlin. The participants did enjoy the occasion of having a response to their own proposals on one of the workshop themes. Of more general interest was the discussion on the ODP panel, chaired by Kurt Greihs, Frankfurt University, Germany. The panellists have been Pramila Mullen, MIT U.S., Kerry Raymond, Canberra University, Australia, Jacob Slonim, CAS IBM Toronto Canada, Peter Linington, Lancaster University, GB and John Slitz, OMG U.S. A lively discussion evolved on the question what are the benefits and how application groups can benefit from the development of an ODP framework. As an industrial position it was claimed that implementable standards on distributed computing are strongly needed, but are awaited in a short to medium time frame. Industries are currently working on "middleware", i.e. to fit distributed applications and system components together. So appropriate ODP standards must be in time for their application. The harmonisation effect of an ODP Reference Model on concepts and on an ODP expert language was recognized.

The participants of the conference have been welcomed by the president of the Technical University Berlin, Dr. Schumann, the secretary of state of the Berlin senate of economy and technology, Dr. Kremendahl, and the Technical Director of IBM Europe and the Director of the Board of Standardisation of Information Processing Systems at the German standardisation body DIN, Mr. Brodbeck. They all stressed the innovative aspects of ODP and the need to cooperate with standardisation groups, supporting political and administrative initiatives, and of course industrial initiatives to achieve the goal of the introduction of new services in various application domains.

Thus, we succeeded in joining all the groups, who have a certain but distinguished interest on open distributed processing, i.e. technical experts, standardisation people, researchers from

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universities and research institutions, developers from industry, customers and users from application domains and politicians from public administrations for three (short) days at the nice Japanese German Centre in Berlin to have a review of open issues and achievements of ODP. On behalf of the Programme Committee of the ICODP93 and the organizers I would like to express my thanks to all people having actively contributed, either by stimulating the discussion, organizing session, providing with talks, reviewing papers, or, last not least, providing support in conference office. All of them have had part on the success of the conference. We wish the organizers of the follow-up conference in Australia in spring 95 at least the same quality and quantity of contributions and commitments we got in response to our calls for contributions and participation.

17.11

ICODP'93 - Report

1. Introduction

The 2nd International Conference on Open Distributed Processing (ICODP) was held in Berlin, Germany, from the 13th to the 16th of September, 1993. The *Announcement and Call for Papers* of the conference has described aim and scope of this event as follows:

"ICODP'93 complements the standardization activities of ISO and CCITT by creating a forum where ODP researchers meet developers from industry. ICODEP'93, a follow-up event to IWODP'91, will focus on the theme of Open Distributed Processing in Industry and Standardisation, and special interest will be put on Distributed Applications in Health Care, Quality of Service, Information Modelling, and Cooperative Work."

The conference was organized by the GMD-FOKUS Berlin, RWTH-Aachen and TU-Berlin. The conference venue was in the centre of Berlin. More than 100 people coming from 22 countries have shown the high interest in Open Distributed Processing.

2. Statistics

Until the deadline in May 1993 exactly 50 submissions of papers were received by the Programme Chair. These papers came from 16 countries. Based on the reports of the Programme Committee 17 papers have been selected. Two of these papers including a similar topic were combined to one presentation. More in detail, the submissions (ordered by the country of origin of the first author) are looking like follows:

	Submitted	Accepted	Acceptance Ratio
AUS	11	8	73%
D	10	2	20%
CD	4	1	25%
GB	4	2	50%
F	3	1	33%
I	3	1	33%
RUS	3	0	0%
GR	2	1	50%
NL	2	0	0%
UKR	2	0	0%
J	1	0	0%
SF	1	1	100%
TR	1	0	0%
LV	1	0	0%
DK	1	0	0%
S	1	0	0%
Total	50	17	34%

Beside the selected papers the Programme Chair invited for 6 presentations and organized 2 tutorials. Three workshops took place in parallel:

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- "Architectural Semantics in ODP" organized by C. Vissers,
- "Advanced Informatics in Medicine", an activity of K.-H. Voegelé, and
- "Object Management Architecture" done by J. Slitz.

The distribution ordered by countries is shown in the following table:

	AUS	B	CD	D	F	GB	GR	I	J	NL	SF	Other	Sum
Submitted Papers	11		4	10	3	4	2	3	1	2	1	9	50
Accepted Papers	8		1	2	1	2	1	1			1		17
Given Presentations	7		1	2	1	2	1	1			1		16
Tutorials	1			1									2
Invited Presentations	1	1	1	1		1			1				6
Workshop Contributions			3	8	1	1				1			14

3. Further Activities

The next ICODP will be held in Brisbane, Australia, in April/Mai 1995. It is planned that an ICODP'97 will be held in Canada.

IFIP EVENT STATUS REPORT for TC6

as of 93.05.20

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Old events before 1 January 1992

IFIP	IFIP	Appr	IFIP	Se	Main	Ev	Event	Begin	Ev	Att	Copy	Publication	Loan	Loan	Grant	Procd.	Latest		
ref.	body	WG	stat	role	no	spon.	ct acronym	date	loc	size	hold	co	ct	month	appr.	outst.	appr.	trnsf.	update
721	TC6	1	Supp.	Main	2	IFIP	WC Protocols for Hi	901127	USA		IFIP	ESP	Pr	9103a	2138	0	0	3364	930122
703	TC6		Supp.	Main		IFIP	WS IMODP	911008	D	150e	IFIP	ESP	Pr	9203a	4000	0	4000	0	920229
839	TC6	1	Spon.	Full	4	IFIP	WS Protocol Test Sy	911015	ML		IFIP	ESP	Pr	9204a	0	0	0	0	920303
781	TC6	1	Spon.	Main	4	IFIP	OC FORTE '91	911119	AUS	150e	IFIP	ESP	Pr	9203a	0	0	0	0	910128

Past events between 1 January 1992 and 1 January 1993

IFIP	IFIP	Appr	IFIP	Se	Main	Ev	Event	Begin	Ev	Att	Copy	Publication	Loan	Loan	Grant	Procd.	Latest		
ref.	body	WG	stat	role	no	spon.	ct acronym	date	loc	size	hold	co	ct	month	appr.	outst.	appr.	trnsf.	update
816	TC6		Spon.	Main		IFIP	WS BROADCOM	920120	P	80e	IFIP	ESP	Pr	9206a	0	0	0	1715	921105
539	TC6		Spon.	Full	4	IFIP	OC INDC '92	920316	SF		IFIP	ESP	Pr	9208a	0	0	0	0	920124
821	TC6	6	Spon.	Co-		IEE	WC WCDs	920325	GB			Pr		0	0	0	0	920315	
841	TC6	1	Spon.	Full		IFIP	WS Protocols for H1	920513	S		IFIP	ESP	Pr	9301a	0	0	0	0	920824
822	TC6	5	Supp.	Full		IFIP	WC ULPA '92	920525	CDN	100e	IFIP	ESP	Pr	9211a	8000	0	0	0	930225
840	TC6	1	Supp.	Full	12	IFIP	WC Protocol Specific	920622	USA		IFIP	ESP	Pr	9212a	8000	0	0	5957	930113
955	TC6	1	Spon.	Main	5	IFIP	WC IWPTS'92	920928	CDN	90e	IFIP	ESP	Pr	9301a	0	0	0	0	921026
932	TC6	6	Spon.	Main	3	IFIP	WS DSOM'92	921012	D	60e				0	0	0	0	921026	
823	TC6	1	Spon.	Full	5	IFIP	OC FORTE '92	921012	F	201a	IFIP	ESP	Pr	9303a	0	0	0	10593	930519
540	TC6		Supp.	Main		IFIP	OC Networks '92	921025	IND		IFIP	ESP	Pr	9305a	6000	0	4000	0	930513
843	TC6	4	Supp.	Full	4	IFIP	OC HPN 92	921214	B	150e	IFIP	ESP	Pr	9304a	12000	0	0	0	930225

Future events from 1 January 1993

IFIP	IFIP	Appr	IFIP	Se	Main	Ev	Event	Begin	Ev	Att	Copy	Publication	Loan	Loan	Grant	Procd.	Latest		
ref.	body	WG	stat	role	no	spon.	ct acronym	date	loc	size	hold	co	ct	month	appr.	outst.	appr.	trnsf.	update
933	TC6		Spon.	Full		IFIP	WS Modelling and Pe	930125	F	30e	IFIP	ESP	Pr	9305e	0	0	0	0	921026
541	TC6		Spon.	Main		IFIP	OC Telkom'93	930201	ZA					0	0	0	0	930203	
935	TC6	4	Spon.	Main		IFIP	OC Advanced Informa	930407	F	100e	IFIP	ESP	Pr	9308e	0	0	0	0	921026
934	TC6	6	Spon.	Main	3	IFIP	OC ISINM'93	930418	USA	500e	IFIP	ESP	Pr	9303a	0	0	0	0	930326
844	TC6		Spon.	Main		IFIP	OC IBCNLS	930420	DK	250e	IFIP	ESP	Pr	9308e	0	0	0	0	921209
977	TC6		Spon.	Co-		RARE	OC JENC	930510	N					0	0	0	0	930203	
978	TC6	6	Spon.	Co-		IEEE	WS Requirements and	930519	PL					0	0	0	0	930203	
845	TC6	1	Spon.	Full	13	IFIP	WC Protocol Specifi	930525	B		IFIP	ESP	Pr	9309e	0	0	0	0	921026
944	TC6	1	Spon.	Main	2	IFIP	OC ICODP'93	930914	D	120e	IFIP	ESP	Pr	9312e	0	0	0	0	921026
979	TC6	1	Spon.	Full	6	IFIP	WS IWPTS'93	930928	F	90e	IFIP	ESP	Pr	9310e	0	0	0	0	930324
963	TC6	6	Spon.	Main	4	IFIP	WS DSOM'93	931005	USA	60e	autho	Pr		0	0	0	0	921104	
542	TC6		Supp.	Main		IFIP	OC INFONET'93	931012	BG	120e	IFIP	ESP	Pr	9404e	0	0	4000	0	920915
980	TC6	4	Spon.	Main	1	IFIP	OC LAN INTERCON'93	931020	USA	140e	IFIP	ESP	Pr	9309e	0	0	0	0	930203
846	TC6	4	Spon.	Main	5	IFIP	OC Data Communicati	931025	USA	160e	IFIP	ESP	Pr	9309e	0	0	0	0	921026
976	TC6	1	Supp.	Main	6	IFIP	OC FORTE'93	931026	USA	126e	IFIP	ESP	Pr	9310e	8000	0	0	0	930312
842	TC6		Noti.	Main		IFIP	WS Telecommunicatio	940101	CS					0	0	0	0	930203	
982	TC6		Noti.	Full		IFIP	WS Performance of L	940301	F					0	0	0	0	930203	
981	TC6		Spon.	Full		IFIP	WC Broadband Commun	940309	F					0	0	0	0	930513	
649	TC6		Spon.	Main		IFIP	OC INDC'94	940418	P					0	0	0	0	930203	



1009 TC6	Noti. Main	WC Modelling Techni	940503 A	0	0	0	0	930518
984 TC6	4 Noti. Full	IFIP WS ATM in LAN/MAN E	940530 USA	0	0	0	0	930203
985 TC6	4 Noti. Full	5 IFIP WC HPN'94	940530 F	0	0	0	0	930204
847 TC6	1 Noti. Full	14 IFIP WC Protocol Specifi	940601 CON	0	0	0	0	910823
983 TC6	5 Spon. Full	IFIP WC ULPA '94	940601 E	0	0	0	0	930426
987 TC6	1 Noti. Main	6 IFIP WC HSH'94	940610 CON	0	0	0	0	930204
848 TC6	1 Noti. Full	7 IFIP WS Protocol Test Sy	941001 LV	0	0	0	0	920617
650 TC6	Spon. Main	IFIP OC SEACONN '94	941004 MAL	0	0	0	0	930415
986 TC6	1 Noti. Main	7 IFIP WC FORTE'94	941101 CH	0	0	0	0	930204
936 TC6	4 Noti. Full	3 IFIP OC LAN and PABX	941201 J	0	0	0	0	920315
1008 TC6	Noti. Main	3 IFIP OC AFRICOM III	950320 ZA	0	0	0	0	930513
849 TC6	Noti. Join	JVN OC CONNET '95	951001 H	0	0	0	0	910823

12.2



IFIP TC6

IFIP Technical Committee 6 (Communication Systems)

Please reply to:

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Aachen, June 21, 1993

re: SEACOMM 94

Dear Mr. Nair,

thanks for your letter dated May 28, 1993. Please excuse the delay of my answer but I had too many other things to do.

Particular thanks for your revised event request form which is now in agreement with TC6 intentions. Some final discussions will have to be made with respect to the size of a loan and with respect to the amount of sponsorship fee. These questions have to be finally discussed at the occasion of the next TC6 meeting in Sofia (Bulgaria), October 15+16, 1993. **It is highly important that a Malaysian representative will attend that meeting.** Moreover we would appreciate it very much if a Malaysian national delegate could be nominated at that time.

In the following I'll try to answer your questions.

A. List of country representatives of TC6 for programme committees:

I'll give only the names. The full addresses are in the delegates list (I've given a copy of this list to Prof. Lee Poh Aun in Vienna).

My proposal of TC6 names is as follows:

Trevor Housley (Australia) as main representative and maybe as conference co-chairman
Augusto Casaca (Portugal), André Danthine (Belgium), Dipak Khakhar (Sweden), Guy Pujolle (France), Olli Martikainen (Finland), Farouk Kamoun (Tunisia), S.V.Raghavan (India), Peter Radford (UK), Tadao Saito (Japan), Otto Spaniol (Germany).

Some additions / deletions of this list could be made at the Sofia meeting. This will be of particular importance since I didn't have the time to ask the TC6 members whether they agree to be members of the committee or not.

To my opinion, every other delegate or working group member of TC6 would be willing to referee papers. It would be best, however, to assign submitted papers according to the particular experience. We may help you in doing this job after the titles of submitted manuscripts become known.

12.1

B. Publication:

The publication structure of IFIP is unclear for the moment being. The actual publisher (North-Holland Elsevier) has cancelled the contract effective end of 1994; new negotiations have to be made. Independently of the result of this negotiation we should say that

1. The allowed number of books for TC6 has already been used for 1994
2. North-Holland books are usually a little too expensive in order to sell very well.
3. There are some publishers (Tata ?, ...) who have some particularly attractive conditions for Asian countries. We might discuss that in more detail in Sofia.

C. Sponsorship fee:

This fee is very new and, therefore, there is not so much experience about it. It is difficult to decide beforehand which country or which conference should pay it and, in turn, which conference will not have to pay but get some financial assistance. Some feeling indicates that Malaysia (despite of its status of a developing country) is a 'booming country'.

Thus TC6 will **insist on the principle** of having a sponsorship fee. We may discuss in Sofia, however, about the 'fee unit' (i.e. number of Swiss Francs per participant per day). I've spoken today with Aage Melbye who is responsible for IFIP finance. He would not object to have a somewhat smaller fee unit if simultaneously the amount of the required loan (see below) is reduced. A possible proposal (to be discussed in Sofia) would be to have 6 Swiss Francs per participant per day and to reduce the loan to 10.000 Swiss Francs.

D. Loan instead as a grant:

Thanks very much for removing the request for a grant. You have indicated the same amount as a request for a loan (which has to be paid back after the conference!). Personally, I have nothing against a loan - as long as it is of reasonable size -; the figure of 15.000 Swiss Francs is, however, very high when compared to other IFIP events. We'll have to discuss that further in Sofia.

NB: It should be clear that in view of the numerous things to be concretised it is absolutely essential that somebody will attend the Sofia meeting.

E. Financial outcome with respect to number of delegates:

It's the responsibility of the conference organisers to know from their experience whether the expected number of 600 delegates is reasonable or whether one should be a little more cautious.

F. (Pre-)Conference Timing:

The call for papers should be sent out not later than December 1993, i.e. shortly after our Sofia meeting. This would allow for the following schedule:

- Manuscript deadline: End of April 1994
- Refereeing procedure: End of June 1994
- Author information: Early July 1994
- Receipt of final version of accepted manuscript: End of September 1994.

This schedule should allow for the production of a regionally printed participant proceedings.

On the other hand, this timing appears to be the shortest possible. If you believe that more delays are to be expected then please free to change it. In your letter you stated that the call for papers is due September 1993; to my opinion, however, it should be better to wait until the end of Sofia meeting for the 'real' Call for Papers. It would be most welcome, if the Malaysian representative would come with a number of preliminary copies to Sofia; this preliminary version should already contain the global structure, the main topics of the conference etc.

Sincerely yours (and see you in Sofia)

Otto Spaniol

12.5

Date: Tue, 3 Aug 1993 08:33:02 +0100
From: O.Charles@mya0201.wins.icl.co.uk
To: spaniol@informatik.rwth-aachen.de
Subject: SEAComm '94 conference in Kuala Lumpur

Dear Prof. Spaniol

I am the papers committee chairman for the above. I am planning to attend the meeting in Sofia on Oct 15. I shall also be speaking at the IFIP WG8.4 LAN conference in Perth on 29 Aug 93, and we are wish to make the first announcement of the conference at that event. I will be sending the first announcement to you shortly. I have a copy of your letter of 21/6/93, and I believe the following points should be addressed at Sofia:

- Papers Committee (Malaysian members will be chosen in the next week, and I will notify you of their names). Other members should be finalised in Sofia.
- Theme, scope and tracks of the conference will be selected within August ready for the first announcement.
- Tutorials will be held before the conference, and speakers will be solicited at Sofia.
- We will also investigate how to publish the proceedings, and report at Sofia.
- Sponsorship and finance.
- Schedule for call for papers, etc. and mailing list for same.

If there are other matters to be discussed please contact me and advise what they are.

My email address is O.Charles@mya0201.wins.icl.co.uk
The MNCC is in the process of acquiring an internet connection, which will be used for the conference and other IFIP correspondence.

Best regards
Omar Charles

(copy by fax to: Prof Lee, SEAComm 94 Chairman, MNCC)



IFIP EVENT REQUEST FORM (REVISED)

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This form is used whenever approval of IFIP's involvement in an event, not yet notified by IFIP, is requested in accordance with the document IFIP EVENT APPROVAL GUIDELINES (available from the IFIP Secretariat). The form should be prepared by the Main Organiser and forwarded via the Chair of the IFIP Responsible TC/SG to the IFIP Secretariat.

Signed by Main Organiser Contact: MBait Date 28 May 1993

Signed by IFIP Responsible Chair: Date

1. GENERAL INFORMATION:

Notification for inclusion in IFIP ACTIVITY PLAN requires information on

In Series No. : .. Main Spons. Organisation: IFIP TC6 Event category: CF.
Attendance : open/~~restricted~~ Expect. size: 600 Break-even: 400
Purpose : profess./educational Contributions: refereed/unrefereed

Official Name : SOUTH EAST ASIA COMMUNICATIONS '94

Acronym : SEACOMM'94
City : KUALA LUMPUR

Dates : 4 - 6 OCTOBER 1994
Country: MALAYSIA

Main Sponsor : IFIP TC6

Joint Sponsors:

Co-Sponsors :

Main Organiser: MALAYSIAN NATIONAL COMPUTER CONFEDERATION

Co-Organisers :

Host Organiser: MALAYSIAN NATIONAL COMPUTER CONFEDERATION

2. SPONSOR AND SUPPORT INFORMATION:

Sponsorship is requested from IFIP represented by TC6 as MAIN Sponsor

Papers are

solicited by: personal invitation/journal	under copyright by:
submitted as: full papers/extend.abstr.	advertising/ call for papers
selected as: invited papers and/or	in .. copies before
refereed/unrefereed papers	expected number accepted ..
presented in: .. parallel tracks	expected number accepted ..
published as: SEACOMM '94 PROCEEDINGS	submit to publisher
Expected pages:	by: TO BE DECIDED
	Expec. month of publ.:

Exp. proceeds : Guar CHF, Incm.share ... pct, Surpl.share ... pct
Budget submit.: SEPT. '93 Statement of Understanding submit.:

Req. support : Loan 15,000 CHF, Grant CHF, Loss share pct
For budg. year:
.....

Comment to AMB:

(12.)

IFIP EVENT REQUEST FORM
(continued)

Signed by Main Organiser Contact: MB Date 28 May 1993
Signed by IFIP Responsible Chair: Date

3. ACCOUNTING INFORMATION:

Income:

	Budget		Actual
Grant from IFIP		CHF	CHF
Support from other organisers	30,000	CHF	CHF
Contributions from supporters	200,000	CHF	CHF
Registration from participants		CHF	CHF
Exhibits income		CHF	CHF
Other (tutorials, social etc.)	10,000	CHF	CHF
Total income	240,000	CHF	CHF

Expenses:

Preconference expenses	60,000	CHF	CHF
Other fixed expenses	50,000	CHF	CHF
Guaranteed proceeds to IFIP (Spons. Fee)	18,000	CHF	CHF
IFIP share of reg. and exhibits income		CHF	CHF
Other variable expenses	85,000	CHF	CHF
Contingencies	27,000	CHF	CHF
Total expenses	240,000	CHF	CHF

Surplus/Loss

Surplus/Loss share to IFIP

.....	CHF	CHF
.....	CHF	CHF

4. ADDITIONAL INFORMATION:

General Chair : PROF LEE POH AUN

Program Chair : OMAR CHARLES ABDULLAH

Program Comm. : total .. members of which .. are nominated by IFIP

Main Org. cont.: K.B. NAIR

Ord. mail adr.: MNCC, 46A, JALAN SS2/66, 47300 PETALING JAYA, SELANGOR, MALAYSIA

E-mail adr.:

Phone : 60-3-775-1576

Fax : 60-3-774-7026

Main Editor : OMAR CHARLES ABDULLAH

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Phone : 60-3-775-1576

Fax 60-3-774-7026

Comment to AMB:

When the request has been processed, the IFIP Secretariat will inform
Main Organiser Contact and IFIP Responsible Chair



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CALL FOR PAPERS
SEVENTH INTERNATIONAL CONFERENCE ON
MODELLING TECHNIQUES AND TOOLS
FOR COMPUTER PERFORMANCE EVALUATION

MAY 4 - MAY 6, 1994, VIENNA, AUSTRIA



PERFORMANCE EVALUATION, RELIABILITY and PERFORMABILITY are key factors in the development and improvement of computer systems and computer networks. The conference will focus on NEW TECHNIQUES and the EXTENSION OF EXISTING TECHNIQUES for performance and reliability. Furthermore TOOLS to support performance reliability modelling and measurement in all kinds of applications and environments will be included. The presented techniques and tools should be of general applicability, which would exclude papers with purely theoretical contents. CASE STUDIES of real systems are especially welcome, if they are of general interest.

Important deadlines:

October 8, 1993: papers (5 copies, max 20 pages 1.5 spaced, including figures and tables are to be sent to the programme chair)

October 8, 1993: tutorial proposals (one page to be submitted to the tutorial chair; e-mail preferred)

December 1, 1993: tool presentations (max 2 pages to be sent to the programme chair; e-mail preferred)

January 3, 1994: author notification of acceptance or rejection

February 8, 1994: camera ready copy

The proceedings will be most probably published in the Springer Verlag Series "Lecture Notes in Computer Science".

Programme committee:

Günter Haring (Programme Chair) Dept. of Applied Computer Science University of Vienna,
Lenaugasse 2/8, A-1080 Wien, Fax: +43 1 408 04 50 e-mail rodo@ani.univie.ac.at

Raymond Marie (Tutorial Chair) IRISA/INRIA University of Rennes, Campus Beaulieu,
35042 Rennes Cedex, France, Fax: +33 99 38 38 32 e-mail marie@irisa.fr

Gabriele Kotsis (Local Arrangements) Dept. of Applied Computer Science University of Vienna,
Lenaugasse 2/8, A-1080 Vienna, Austria, Fax: +43 1 408 04 50 e-mail gabi@ani.univie.ac.at

Arnold Allen, USA;

Onno J. Boxma, NL;

E. de Sousa e Silva, Brasil;

Amrit Goel, USA;

Mark A. Holliday, USA;

Teemu Kerola, Finland;

Axel Lehmann, Germany;

Ramon Puigjaner, Spain;

Giuseppe Serazzi, Italy;

William Stewart, USA;

Satish Tripathi, USA;

Gianfranco Balbo, Italy;

Maria Calzarossa, Italy;

Larry Dowdy, USA;

Neil Gunther, USA;

Peter Hughes, UK;

P. King, UK;

J. K. Muppala, Hong Kong;

Daniel Reed, USA;

Ken Sevcik, Canada;

Hideaki Takagi, Japan;

Kishor Trivedi, USA;

Monique Becker, France;

Rosemary Candlin, UK;

Alois Ferscha, Austria;

Peter Harrison, UK;

Ravi Iyer, USA;

Hisashi Kobayashi, USA;

Brigitte Plateau, France;

Martin Reiser, Switzerland;

Connie Smith, USA;

David Thomas, UK;

Kam-Fai Wong, Germany;

Heinz Beilner, Germany;

Giovanni Chiola, Italy;

Erol Gelenbe, France;

Ulrich Herzog, Germany;

Raj Jain, USA;

A. E. Krzesinski, SA;

Rob Pooley, UK;

Herb Schwetman, USA;

Otto Spaniol, Germany;

Alexander Thomasian, USA;

John Zahorjan, USA.

This conference is organized by the

Institute of Applied Computer Science and Information Systems, University of Vienna
in cooperation with

AICA Working Group on Performance Evaluation, Italy

Asociacion de Tecnicos de Informatica (ATI), Spain

Dutch User Group of Queueing/Performance Analysis Software (QPASS)

IFIP Task Group "Performance of Communication Systems"

IFIP Working Group 7.3 (Computer System Modelling)

IFIP Working Group 10.3 (Concurrent Systems)

IFIP Working Group 10.4 (Dependable Computing and Fault Tolerance)

OCG (Austrian Computer Society)

The British Computer Society, Performance Engineering Specialist Group (BCS/PESG)

GI/ITG-Fachgruppe für Messung, Modellierung und Bewertung von Rechnersystemen

12.9

To: cnom@maestro.bellcore.com, ietf@cnri.reston.va.us, snmp@uu.psi.com, rmonmib@jarthur.claremont.edu

To: Joe Betser <betser@aero.org>, Mike Erlinger <mike@lexcel.com>, Keith McCloghrie <kzm@hls.com>, Steve Waldbusser <waldbusser@andrew.cmu.edu>, Stuart Noyce <noyce@ajax.sun.com>, "Steven M. Dauber" <dauber@nove. Garry Baer <baer@osf.org>, Rich Waterman <rmw@desktalk.com>, Kirk Hsin <khsin@ossi.com>, Jim Warner <warnerj@attmail.com>, Paul Brusil <pjb@mbunix.mitre.org>, Branislav Meandzija <metaccss!eve!bran@hub.ucsb.edu>, Michele Nessier <4367585@mcimail.com>, Frank Kaplan <frank@tdd.sj.nec.com>, Joseph Ghetie <jgg@ctt.bellco. Shri Goyal <skg0@gte.com>, Jim Fox <fox@osi.ncsl.nist.gov>, Gary Haney <hny@ornl.gov>, Thomas Cikoski <splinter@allink.com>, Bob Donnelly <bdonnelly@attmail.com>, Wallace Matthews <matthews@took.enet.dec.com>, ositc@aero.org, NOMS <NOMS@tdd.sj.nec.com>, OIW Security SIG <secsig@udel.edu> Electronic Mail Management Group <ifip-emailmgt@ics.uci.edu> OIW NMSIG <nmsig@ics.uci.edu>

To: Mike Erlinger <erlanger@aero.org>, mike@jarthur.claremont.edu, Joe Betser <betser@aero.org>, Kraig Meyer <kmeyer@aero.org>, Peter DeVries <peter@ftp.com>, Dave Mahler <dave@remedy.com>, Philip Almquist <almquist@vangogh.cs.berkeley.edu>, Nan Dorio <dorio@blizzard.eng.sun.com>, Suzanne Carey <scs@world.st

To: Branislav Meandzija <metaccss!dude!bran@hub.ucsb.edu> Regional Workshop <rwnmcc@nmpd.oz.au>

To: ANSI <x3t54@mbunix.mitre.org>

To: MITRE-NADIS <nadism@mbunix.mitre.org>

To: MITRE-OSI <mitre-osi@bistromath.mitre.org>

To: MITRE <nsm-info@gateway.mitre.org>

To: OSI Mgt Implementation <OSIMIS@cs.ucl.ac.uk>, OSI API <api@mel.dit.csiro.au>, IETF MADMAN <ietf-madman@innosoft. (

To: "Dr. Melvyn P. Galin" <mgalin@mbvm.mitre.org>, Kim Kappel <kappel@prism.gatech.edu>, Donna Cowan <dcowan@world.st Douglas N Zuckerman +1 908 957 7874 <w2xd@mrspock.att.com>

Subject: NOMS 94 - Invitation to Submit

Date: Wed, 21 Jul 1993 18:22:21 -0700

From: Joe Betser <betser@aero.org>

Dear Colleague,

We would like to invite you to submit a contribution for NOMS'94, the IEEE/IFIP 1994 Network Operations and Management Symposium

"It's a Small World - Networking in the 90's"

NOMS'94 will be held in Orlando, Florida, February 14-17, 1994.
NOMS 94 will address the operations and management of public and private telecommunication and data networks, and of distributed systems.

We (Joe and Mac) are organizing a NOMS'94 session entitled :

"Management Platforms - Integration Issues"

The management of increasingly complex data communications networks is becoming a challenge which is addressed by several commercial products,

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publication is not required. For detailed instructions and a schedule, please contact the NMOS '94 Technical Program Chair (or Joe Betser / Makoto Yoshida regarding this session.)

Shri K. Goyal
GTE Laboratories, MS 45
40 Sylvan Road
Waltham, MA 02254 USA

Email: goyal@gte.com
Phone: +1 617 466 2940
Fax: +1 617 466 2960

All submissions will be refereed.

Preliminary Schedule:

DRAFT VISUAL AND TEXT DUE
Notification of Acceptance mailed
Camera-ready visuals and text due

AUGUST 10, 1993 - SOON !
October 29, 1993
December 15, 1993

12,12

To: Hannu Toivonen <htoivone@tele.nokia.fi>, To.cnom@maestro.bellcore.
ietf@cnri.reston.va.us, snmp@uu.psi.com, rmonmib@jarthur.claremont
To: Joe Betser <betser@aero.org>, Mike Erlinger <mike@lexcel.com>,
Keith McCloghrie <kzm@hls.com>,
Steve Waldbusser <waldbusser@andrew.cmu.edu>,
Stuart Noyce <noyce@ajax.sun.com>,
"Steven M. Dauber" <dauber@novell.com>, Garry Baer <baer@osf.org>,
Rich Waterman <rmw@desktalk.com>, Kirk Hsin <khsin@ossi.com>,
Jim Warner <warnerj@attmail.com>, Paul Brusil <pjb@mbunix.mitre.org>,
Branislav Meandzija <metaccss!eve!bran@hub.ucsb.edu>,
Michele Nessier <4367585@mcimail.com>,
Frank Kaplan <frank@tdd.sj.nec.com>,
Joseph Ghetie <jgg@ctt.bellcore.com>, Shri Goyal <skg0@gte.com>,
Jim Fox <fox@osi.ncsl.nist.gov>, Gary Haney <hny@ornl.gov>,
Thomas Cikoski <splinter@allink.com>,
Bob Donnelly <bdonnelly@attmail.com>,
Wallace Matthews <matthews@took.enet.dec.com>, ositc@aero.org,
NOMS <NOMS@tdd.sj.nec.com>, OIW Security SIG <secsig@udel.edu>
To: Electronic Mail Management Group <ifip-emailmgt@ics.uci.edu>
To: OIW NMSIG <nmsig@ics.uci.edu>
To: Mike Erlinger <erlanger@aero.org>, mike@jarthur.claremont.edu,
Kraig Meyer <kmeyer@aero.org>, Peter DeVries <peter@ftp.com>,
Dave Mahler <dave@remedy.com>,
Philip Almquist <almquist@vangogh.cs.berkeley.edu>,
Nan Dorio <dorio@blizzard.eng.sun.com>,
Suzanne Carey <sc@world.std.com>,
Branislav Meandzija <metaccss!dude!bran@hub.ucsb.edu>
To: Regional Workshop <rwnmcc@nmpd.oz.au>
To: ANSI <x3t54@mbunix.mitre.org>
To: MITRE-NADIS <nadism@mbunix.mitre.org>
To: MITRE-OSI <mitre-osi@bistromath.mitre.org>
To: MITRE <nsm-info@gateway.mitre.org>
To: OSI Mgt Implementation <OSIMIS@cs.ucl.ac.uk>,
OSI API <api@mel.dit.csiro.au>, IETF MADMAN <ietf-madman@innosoft.>
To: "Dr. Melvyn P. Galin" <mgalin@mbvm.mitre.org>,
Kim Kappel <kappel@prism.gatech.edu>,
Donna Cowan <dcowan@world.std.com>,
Douglas N Zuckerman +1 908 957 7874 <w2xd@mrs-pock.att.com>
Cc: yoshida@nttops.ntt.jp, Makoto Yoshida <myoshida@attmail.com>,
Shri Goyal <goyal@gte.com>
Subject: All Submissions to Shri Goyal
Date: Tue, 03 Aug 1993 10:00:07 -0700
From: Joe Betser <betser@aero.org>

Dear NOMS Contributor :

As per the instructions at the attached Call for Submissions,
we would like to emphasize that submissions are coordinated by Shri Goyal
of GTE.

We have had several questions on the submission address. Submissions are
expected by our Technical Program Chair:

SUBMIT TO :

Shri K. Goyal

GTE Laboratories, MS 45
40 Sylvan Road
Waltham, MA 02254 USA

Email: goyal@gte.com
Phone: +1 617 466 2940
Fax: +1 617 466 2960

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All submissions will be refereed.

Preliminary Schedule:

DRAFT VISUAL AND TEXT DUE
Notification of Acceptance mailed
Camera-ready visuals and text due

AUGUST 10, 1993 - SOON !
October 29, 1993
December 15, 1993

From: htoivone@tele.nokia.fi (Hannu Toivonen)
Message-Id: <9308021545.AA29358@tnso06.tele.nokia.fi>
Subject: NOMS '94
To: betser@aero.org
Date: Mon, 2 Aug 93 18:45:34 EET DST
X-Mailer: ELM [version 2.3 PL11]

Dear Dr. Betser

We intend to submit a presentation to NOMS '94, but we are still lacking the detailed instructions for submissions.

All we know so far is that the presentation should consist of about 10 visuals with explanatory text, and that the dead-line is August 10.

Could you please inform us at the earliest convenient point about the exact format of presentations, the number of copies to submit, and the address where they should be sent to.

Thank you!

with kind regards,

Hannu Toivonen

++++

Subject: NOMS 94 - Invitation to Submit
Date: Wed, 21 Jul 1993 18:22:21 -0700
From: Joe Betser <betser@aero.org>

Dear Colleague,

We would like to invite you to submit a contribution for NOMS'94, the IEEE/IFIP 1994 Network Operations and Management Symposium

"It's a Small World - Networking in the 90's"

NOMS'94 will be held in Orlando, Florida, February 14-17, 1994.
NOMS 94 will address the operations and management of public and private telecommunication and data networks, and of distributed systems.

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The management of increasingly complex data communications networks is becoming a challenge which is addressed by several commercial products, which have been introduced to the marketplace over the past several years. There is a strong movement in the direction of standards conformance, and commercial-off-the-shelf (COTS) technology availability. The integration of such technologies among themselves and into experimental and production networks provides a myriad of exciting technical issues that merit presentation to our growing community. You are encouraged to submit your experience, present and future challenges, as well as open issues you might have as an end-user, developer, researcher, standards contributor, product manager, or technology vendor.

- - Integration of Network Management Stations (NMS) and Passive Network Monitors (PNM)
- - Scalability issues
- - Interoperability and standards
- - OSI
- - SNMP
- - RMON (Remote Monitoring MIB)
- - Applications
- - OMNIPoint
- - Performance issues
- - Heterogeneous systems
- - Multi-vendor support
- - Technologies and specifications for design, development, and construction

Sincerely,

Dr. Joe Betser
The Aerospace Corporation

[illegible]

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INSTRUCTIONS AND SCHEDULE

Submissions should consist of about ten visuals with explanatory text accompanying each one. The format should have a visual in the upper half of a page and the explanatory text in the lower half. A formal paper for publication is not required. For detailed instructions and a schedule, please contact the NMOS '94 Technical Program Chair (or Joe Betser / Makoto Yoshida regarding this session.)

SUBMIT TO :

Shri K. Goyal
GTE Laboratories, MS 45
40 Sylvan Road
Waltham, MA 02254 USA

Email: goyal@gte.com
Phone: +1 617 466 2940
Fax: +1 617 466 2960

All submissions will be refereed.

Preliminary Schedule:

DRAFT VISUAL AND TEXT DUE
Notification of Acceptance mailed
Camera-ready visuals and text due

AUGUST 10, 1993 - SOON !
October 29, 1993
December 15, 1993

----- End of Forwarded Message



IFIP

12.18.93

INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING

Date: 1993-06-22 AR/LMS

Address reply to: Prof. Asbjørn Rolstadås
Department of Production
Engineering
University of Trondheim
Richard Birkelandsv. 2B
N-7034 Trondheim, Norway
Phone: +47-7-59 37 85
Fax : +47-7-59 71 17

Dear TC/SG/WG Chairmen,

The next IFIP Congress will be held in Hamburg, Germany
August 28th - September 2nd 1994.

!! ||||| This is the most important activity in IFIP. This time we have changed the program structure completely to be of significant interest to both industry and academia. |||||??

I rely on your assistance to help market the Congress in your committee/group. I hope to see as many as possible of the large family of IFIP contributors.

A good idea could be to hold your 1994 meeting in Hamburg just in connection to the Congress. The organizer has offered free meeting facilities to you for this purpose. If this is of interest, please contact the Organizing Committee, prof. Kaiser.

Sincerely yours

Asbjørn Rolstadås
Asbjørn Rolstadås
IFIP President

cc: IFIP Secretariat

Congress'94 Organizing Committee,
prof. Kaiser



IFIP

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INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING

Date: 24 September 1993
Address reply to: IFIP Secretariat
16 place Longemalle
CH-1204 Geneva
Switzerland

Prof. Dr. O. SPANIOL
Technical Univ. Aachen
Lehrstuhl f. Informatik IV
Ahornstrasse 55
D-5100 AACHEN
Germany

Re: Follow-up on TC 6 Events

Dear Professor Spaniol,

Further to your phone call of this morning and your concerns about some of your events, we have pleasure in sending you enclosed herewith some "Event upd.sheets" for your reference. May we have your comments and/or approval of some pending matters and any new details you could possibly add would be very much appreciated:

- Event 983 - ULPAA'94 Intl. WC (WG6.5) - FYI
- Event 848 - 7th Int.WS on Protocol Test Systems - IWPTS'94 - has been moved to Nov. 94 in Japan, as per your info (previously planned to be held in Latvia), assuming that the 8th IWPTS'95 will be held in Latvia (not yet notified) ? Kindly let us have the exact dates of the 7th WS, etc. ?
- Event 987 - 6th WC on High Speed Networks - HSN'94 - Sponsorship has not yet been approved. You said that this might be cancelled? Kindly confirm.
- Event 1012 - 5th WG 6.6 Works. on Distributed Systems Operation and Management V - DSOM V - Sponsorship has not yet been approved - f/up sent to W. Zimmer. Any news on this ? Main Organizer, etc. ?
- Event 541 - Telkom'93 already held in Feb. 93 in South Africa - We have sent f/up on same re still pending info on Proceedings (publisher) and copyright holder ? Any proceeds ?

Many thanks beforehand for your comments and kind cooperation.

With best regards,
IFIP SECRETARIAT


Ruth Lawson

Encl.

IFIP EVENT UPDATE SHEET A

Event Data stored as updated per 93.04.26 for IFIP Event Reference 983
The previous update was made per 93.02.03 for IFIP Responsible Body TC6
This update was caused by cfpanm 93.04.14 to IFIP Secretariat 93.04.14

Modifications and amendments should be indicated by copy of this sheet
Sent to IFIP Secretariat 16 place Longemalle, CH-1204 GENEVA Switzerland

Signed by Main Organiser Contact: _____ Date _____
Signed by IFIP Responsible Chair: _____ Date _____

1. GENERAL INFORMATION:

Notification of the event in IFIP ACTIVITY PLAN approved by AMB 93.02.03

In Series No. : 0 Main Spons.Organisation: IFIP Event category: WC
Attendance : Open Expected size: _____ Break-even: _____
Purpose : Professional Contributions: Refereed

Official Name : IFIP Intl. Working Conference on
Upper Layer Protocols, Architectures and Applications

Acronym : ULPAA '94 Dates : 94.06.01 - 94.06.03
City : Barcelona Country: Spain

Main Sponsor : IFIP WG 6.5
Joint Sponsors: _____
Co-Sponsors : _____

Main Organiser: WG 6.5
Co-Organisers : _____
Host Organiser: Univ. Politecnica Catalunya

2. SPONSOR AND SUPPORT INFORMATION:

Sponsorship from IFIP by WG6.5 as Full Sponsor Approved by AMB 93.02.03

Program Comm. : total 37 members of whom _____ are nominated by IFIP

Papers are under copyright by IFIP published by Elsevier Science
solicited by: Call for papers
submitted as: full papers in 2 copies before 93.11.01
selected as: _____ Expected number accepted _____
published as: Proceedings Expected number accepted _____
Expected month of publ. _____

Proceeds exp. : Guar _____ CHF, Incm.share _____ pct, Surpl.share 100 pct
Budget submit.: _____ Statement of Understanding submit.: _____

Support req. : Loan _____ CHF, Grant _____ CHF, Loss share 0 pct

No support requested

IFIP EVENT UPDATE SHEET B

12.0

Event Data stored as updated per 93.04.26 for IFIP Event Reference 983
 The previous update was made per 93.02.03 for IFIP Responsible Body TC6
 This update was caused by cfpanm 93.04.14 to IFIP Secretariat 93.04.14

Modifications and amendments should be indicated by copy of this sheet
 Sent to IFIP Secretariat 16 place Longemalle, CH-1204 GENEVA Switzerland

Signed by Main Organiser Contact: _____ Date _____
 Signed by IFIP Responsible Chair: _____ Date _____

3. ACCOUNTING INFORMATION:

	exch.rate 1 _____ =	BUDGET	ACTUAL
		CHF	CHF
Income:			
Grant from IFIP		CHF	CHF
Support from other organisers		CHF	CHF
Contributions from supporters		CHF	CHF
Registration from participants		CHF	CHF
Exhibits income		CHF	CHF
Other income (tutorials, social etc.)		CHF	CHF
Total income		CHF	CHF
Expenses:			
Preconference expenses		CHF	CHF
Other fixed expenses		CHF	CHF
Guaranteed proceeds to IFIP		CHF	CHF
IFIP share of reg. and exhibits income		CHF	CHF
Other variable expenses		CHF	CHF
Contingencies		CHF	CHF
Total expenses		CHF	CHF
Surplus/Loss		CHF	CHF
Surplus/Loss share to IFIP		CHF	CHF

4. ADDITIONAL INFORMATION:

Program Chair : Dr. Manuel Medina (Europ.Ch.), Univ. Polit.de Catalunya,
 Ord. mail adr.: Gran Capitan, s/n-D6.207, Dept.Arguit.Compt.,E-08071 Bar
 E-mail adr.: medina@ac.upc.es
 Phone : +34 3 401 6984 Fax : +34 3 401 705

Main Org.cont.: Leandro Navarro & Isabel Gallego, Univ.Polit.Catalunya,
 Ord. mail adr.: see above
 E-mail adr.: PC-CH.for USA:N.Borenstein
 Phone : Bellcore, Morristown, NJ, USA Fax : +1 201 829 5963

Main Editor : _____
 Ord. mail adr.: _____
 E-mail adr.: _____
 Phone : _____ Fax : _____

Comments : Upd. from CFP re PC/OC-Ch. contacts, title slightly changed.
Could info re attend.size be provided ?
IFIP expects a sponsorship fee of 3(days)* (?)attend.* 5 CHF
according to new adopted guidelines at GA

CC: Sent W. Zivars
- TC 6 Chd 4/2/20
- XVB Chd 4/2/20

Modifications and amendments should be indicated by copy of this sheet
Sent to IFIP Secretariat 16 place Longemalle, CH-1204 GENEVA Switzerland

1. GENERAL INFORMATION:

No support requested

IFIP EVENT UPDATE SHEET B

12.21

Event Data stored as updated per 93.06.02 for IFIP Event Reference 1012
 The previous update was made per for IFIP Responsible Body TC6
 This update was caused by report 93.05.24 to IFIP Secretariat 93.06.01

Modifications and amendments should be indicated by copy of this sheet
 Sent to IFIP Secretariat 16 place Longemalle, CH-1204 GENEVA Switzerland

Signed by Main Organiser Contact: _____ Date _____
 Signed by IFIP Responsible Chair: _____ Date _____

3. ACCOUNTING INFORMATION:

	exch.rate 1 _____ =	BUDGET	ACTUAL
		CHF	CHF
Income:			
Grant from IFIP		CHF	CHF
Support from other organisers		CHF	CHF
Contributions from supporters		CHF	CHF
Registration from participants		CHF	CHF
Exhibits income		CHF	CHF
Other income (tutorials, social etc.)		CHF	CHF
Total income		CHF	CHF
Expenses:			
Preconference expenses		CHF	CHF
Other fixed expenses		CHF	CHF
Guaranteed proceeds to IFIP		CHF	CHF
IFIP share of reg. and exhibits income		CHF	CHF
Other variable expenses		CHF	CHF
Contingencies		CHF	CHF
Total expenses		CHF	CHF
Surplus/Loss		CHF	CHF
Surplus/Loss share to IFIP		CHF	CHF

4. ADDITIONAL INFORMATION:

Program Chair : W. Zimmer, GMD-FIRST, Rudower Chaussee 5/G13.7,
 Ord. mail adr.: D-1199 BERLIN-ADLERSHOF, Germany
 E-mail adr.: zimmer@first.gmd.de
 Phone : +49 30 6704 2652 Fax : +49 30 67045610

Main Org.cont.: ?
 Ord. mail adr.: _____
 E-mail adr.: _____
 Phone : _____ Fax : _____

Main Editor : _____
 Ord. mail adr.: _____
 E-mail adr.: _____
 Phone : _____ Fax : _____

Comments : New Event: Notified from TC6Ch. A-Report.
Sponsorship approval is pending TC 6 Chairman's confirmation
by returning these forms signed and IFIP expects information
re main organizer, PC/OC-Ch. contacts, publishing arrangement
etc.



IFIP EVENT REQUEST FORM

This form is used whenever approval of IFIP's involvement in an event, not yet notified by IFIP, is requested in accordance with the document IFIP EVENT APPROVAL GUIDELINES (available from the IFIP Secretariat). The form should be prepared by the Main Organiser and forwarded via the Chair of the IFIP Responsible TC/SG to the IFIP Secretariat.

Signed by Main Organiser Contact: *M. R. [Signature]* Date: Sept, 30/94
Signed by IFIP Responsible Chair: Date:

1. GENERAL INFORMATION:

Notification for inclusion in IFIP ACTIVITY PLAN requires information on

In Series No. : 4 Main Spons. Organisation: IFIP.. Event category: 3.
Attendance : open/restricted Expect. size: 50.. Break-even: 40..
Purpose : profess./educational Contributions: refereed/unrefereed

Official Name : 4th IFIP International Workshop on
Protocols for High Speed Networks

Acronym : PIHSN'94 Dates : Aug. 10 - Aug. 12/94
City : Vancouver Country: Canada

Main Sponsor : IFIP WG6.1/WG6.4
Joint Sponsors:
Co-Sponsors :

Main Organiser: IFIPWG6.1/IFIPWG6.4
Co-Organisers : Univ. of British Columbia
Host Organiser:

2. SPONSOR AND SUPPORT INFORMATION:

Sponsorship is requested from IFIP represented by WG6.1/WG6.4 Main Sponsor

Papers are under copyright by: IFIP..
solicited by: personal invitation/journal advertising/ call for papers
submitted as: full papers/extend.abstr. in 3 copies before Mar. 14/94
selected as: invited papers and/or expected number accepted 2.
refereed/unrefereed papers expected number accepted 16
presented in: 1 parallel tracks submit to publisher 18
published as: IFIP Transactions... by: October 1/94
Expected pages: Expec. month of publ.: Jan./95

Exp. proceeds : Guar 600 CHF, Incm.share ... pct, Surpl.share 100 pct
Budget submit.: ..Yes... Statement of Understanding submit.:

Req. support : Loan 8000 CHF, Grant CHF, Loss share 100 pct
For budg. year:

Comment to AMB:
.....
.....

12.23

IFIP EVENT REQUEST FORM
(continued)

Signed by Main Organiser Contact: M.R. Ito Date Sept. 30/94
Signed by IFIP Responsible Chair: Date

3. ACCOUNTING INFORMATION:

Income:	Budget		Actual
Grant from IFIP		CHF	 CHF
Support from other organisers		CHF	 CHF
Contributions from supporters	1750	CHF	 CHF
Registration from participants	16000	CHF	 CHF
Exhibits income		CHF	 CHF
Other (tutorials, social etc.)		CHF	 CHF
Total income	17750	CHF	 CHF
		CHF	 CHF
Expenses:			
Preconference expenses	5100	CHF	 CHF
Other fixed expenses	3000	CHF	 CHF
Guaranteed proceeds to IFIP	600	CHF	 CHF
IFIP share of reg. and exhibits income		CHF	 CHF
Other variable expenses	8034	CHF	 CHF
Contingencies	1000	CHF	 CHF
Total expenses	17734	CHF	 CHF
Surplus/Loss	16	CHF	 CHF
Surplus/Loss share to IFIP	16	CHF	 CHF

4. ADDITIONAL INFORMATION:

General Chair : Gerald Neufeld, Dept. of CpSc., M. Robert Ito, Dept. of Elect Eng.
Program Chair : as.above..... Univ. of B.C.
Program Comm. : total 14 members of which 7 are nominated by IFIP
Main Org. cont.: Gerald Neufeld M. Robert Ito
Ord. mail adr.: Dept. of CpSc. Dept. of Elect. Eng. Univ. of British Columbia
E-mail adr.: neufeld@cs.ubc.ca mito@ee.ubc.ca Vancouver, Canada
Phone : +1.604.822-4806 Neufeld Fax : +1.604.822-5483 Neufeld
+1 604 822-4572 Ito +1 604 822-5949 Ito
Main Editor : As.Above.....
Ord. mail adr.:
E-mail adr.:
Phone : Fax :

Comment to AMB:
.....
.....
.....

When the request has been processed, the IFIP Secretariat will inform
Main Organiser Contact and IFIP Responsible Chair

PHSN94
REVENUES
4x400
SURPLUS

16.00
17734.00

17750.00

Registration
Supporters
16000.00
1750.00

REV3SE.XLS

72.24

12.25

PHSN BUDGET ESTIMATE -Sept/93 - 40 attendees

Pre-Conf In Situ

ADVERTISING

Ads	2000.00
Direct Mail	300.00
Courier	50.00

2350.00

ALL FUNDS
IN CANS
1 CANS=1 CHF

PRINTING

300pX60	Program	30.00
	Workshop Notes	1000.00

1030.00

COMMITTEE

15 members	Telephone	500.00
	Postage/Courier	500.00
	Secretary	1000.00
	PC dinner mtg	750.00

2750.00

OPERATING

Secretary	500.00
Badges, etc	30.00
Souvenirs	1200.00
Signs	100.00
Room	100.00

1930.00

FOOD/ENT

9X40	Coffee	600.00
14 dozen	Pastries	184.00
3X40	Lunch	840.00
3X40	Banquet	2800.00
1X40	Reception	650.00

5074.00

KN SPEAKER

Travel	2500.00
Honorarium	500.00

3000.00

OTHER

Misc. & Conting.	1000.00
IFIP	600.00

1600.00

SUBTOTALS
TOTAL

5100.00 12634.00

17734.00

IFIP
LOGO

12.26

PROTOCOLS FOR HIGH SPEED NETWORKS

4th IFIP International Workshop
August 10-12, Vancouver, Canada

CALL FOR PAPERS

SCOPE:

The PHSN workshop is sponsored by IFIP WG6.1/WG6.4 and will focus on the problems of achieving high throughput and fast response time over LANs, MANs, WANs and other high-speed networks and internetworks. The workshop format will involve formal presentations plus ample time for informal discussions. Topics of interest include, but are not limited to:

- Protocol development
- Quality of Service Issues
- High-performance Architectures
- Application-oriented issues
- Protocol Analysis
- Experimental studies
- High-speed implementation
- Protocols for distributed multimedia

INFORMATION FOR CONTRIBUTORS:

Manuscripts must be previously unpublished and not to exceed 15 pages (8.5" x 11"). Preferred submission is via e-mail, in postscript form, to: pfsn94@cs.ubc.ca. Alternatively, 3 hard copies can be submitted to:

Dr. Gerald Neufeld,
Dept. of Computer Science
Univ. of British Columbia,
Vancouver, B.C, V6T 1Z4
Canada

IMPORTANT DATES:

March 14, 1994 - Submission of paper
May 15, 1994 - Notification of acceptance
June 30, 1994 - Final copy due

PUBLICATION: Accepted papers will appear in IFIP Transactions to be published by North Holland.

ORGANIZERS: Program Co-chairmen

Dr. Gerald Neufeld, Dept. of Computer Science
Tel: +1 604 822-4806, neufeld@cs.ubc.ca

Dr. M. Robert.. Ito, Dept. of Elect. Eng.,
Tel: +1 604 822-4572, mro@ee.ubc.ca

University of British Columbia
Vancouver, B.C., Canada, V6T 1Z4

PROGRAM COMMITTEE:

Siege Deering
David Greaves
Bryan Lyes
Bernard Plamer
Harry Rudin
David Tenenhouse
Cary Williamson

David Feldmire
Marjory Johnson
Hideo Miyahara
Allyn Romanow
James Sterbenz
Richard Watson
Matinca Zimmerhlat



12.27

IFIP EVENT REQUEST FORM

This form is used whenever approval of IFIP's involvement in an event, not yet notified by IFIP, is requested in accordance with the document IFIP EVENT APPROVAL GUIDELINES (available from the IFIP Secretariat). The form should be prepared by the Main Organiser and forwarded via the Chair of the IFIP Responsible TC/SG to the IFIP Secretariat.

Signed by Main Organiser Contact: *[Signature]* Date **20.8.93**
Signed by IFIP Responsible Chair: *[Signature]* Date **23.9.93**

1. GENERAL INFORMATION:

Notification for inclusion in IFIP ACTIVITY PLAN requires information on

In Series No. : VII Main Spons. Organisation: IFIPWG6.1 Event category: CF
Attendance : ~~open/restricted~~ Expect. size: 100 Break-even: .70.
Purpose : ~~profess./educational~~ Contributions: ~~refereed/unrefereed~~
Official Name : IFIP.TC6/WG6.1 International Conference on Formal
Description: Techniques for Distributed Systems and
Communications Protocols.....
Acronym : FORTE '94
City : Berne
Dates : 04.10. - 07.10.94
Country: Switzerland.....
Main Sponsor : IFIP.WG6.1
Joint Sponsors:
Co-Sponsors : ACM.SIGCOMM and IEEE Computer Society (approval pending)
Main Organiser: University of Berne
Co-Organisers :
Host Organiser:

2. SPONSOR AND SUPPORT INFORMATION:

Sponsorship is requested from IFIP represented by WG6.1 as Main Sponsor

Papers are
solicited by: ~~personal invitation~~ / journal under copyright by: IFIP.
submitted as: full papers/~~extended abstracts~~ advertising/ call for papers
selected as: invited papers and/~~xx~~ in 5. copies before 6. May. 1994
refereed/~~unrefereed~~ papers expected number accepted 4.
presented in: 1. parallel tracks expected number accepted 26.
published as: Proceedings submit. to publisher 2. mo. after conf
by: North-Holland.....
Expected pages: 500 - 550
30.-/conf/ Expec. month of publ.: 12/94-01/95

Exp. proceeds : Guar attend@HF, Incm.share .0. pct, Surpl.share 0. pct
Budget submit.: 20.8.93 Statement of Understanding submit.:

Req. support : Loan 8000.-CHF, Grant .0.... CHF, Loss share .0. pct
For budg. year: 93/94

Comment to AMB: Due to the small size of the meeting we anticipate
that there will be no competition with the IFIP
World Computer Congress in September '94.....

not
acceptable

IFIP EVENT REQUEST FORM
(continued)



Signed by Main Organiser Contact: *Leue* Date **20.8.93**
Signed by IFIP Responsible Chair: Date

3. ACCOUNTING INFORMATION:

Income:	Budget		Actual
Grant from IFIP	0.	CHF	 CHF
Support from other organisers	0.	CHF	 CHF
Contributions from supporters	18'000.	CHF	 CHF
Registration from participants	53'275.	CHF	 CHF
Exhibits income	0.	CHF	 CHF
Other (tutorials, social etc.)	14'025.	CHF	 CHF
Total income	85'300.	CHF	 CHF
 Expenses:			
Preconference expenses }			
Other fixed expenses }	34'200.	CHF	 CHF
Guaranteed proceeds to IFIP	3'000.	CHF	 CHF
IFIP share of reg. and exhibits income		CHF	 CHF
Other variable expenses	32'230.	CHF	 CHF
Contingencies	6'940.	CHF	 CHF
Total expenses	76'370.	CHF	 CHF
 Surplus/Loss			
	8'930.	CHF	 CHF
Surplus/Loss share to IFIP	0.	CHF	 CHF

4. ADDITIONAL INFORMATION:

General Chair : Prof. Dr. Dieter Hogrefe, University of Berne
Program Chair : Prof. Dr. Dieter Hogrefe, University of Berne
Program Comm. : total 27 members of which 0 are nominated by IFIP (tentative figures)
Main Org. cont.: Stefan Leue, University of Berne
Ord. mail adr.: Inst. für Informatik, Länggassstr. 51, 3012 Bern
E-mail adr.: leue@iam.unibe.ch
Phone : +41 31 654430 Fax : +41 31 653965
+41 31 6314430 from 25.9.93 +41 31 6313965 from 25.9.93
Main Editor : ... Dieter Hogrefe, Stefan Leue
Ord. mail adr.: ... see above
E-mail adr.:
Phone : Fax :

Comment to AMB:
.....
.....

When the request has been processed, the IFIP Secretariat will inform
Main Organiser Contact and IFIP Responsible Chair

FORTE'94

Preliminary Call for Papers IFIP TC6/WG6.1 Seventh International Conference on FORMAL DESCRIPTION TECHNIQUES for Distributed Systems and Communications Protocols Berne, Switzerland, 4-7 October 1994

1229

FORTE'94 will address formal techniques and testing methodologies applicable to Distributed Systems such as Estelle, Lotos, SDL, ASN.1, Z, etc., and will include industrial applicability to Protocols and Distributed Systems. The conference will be a forum for presentation of the state of the art in theory, application, tools and industrialization of Formal Techniques and will provide an excellent orientation for newcomers. Research papers and industrial usage reports as well as proposals for tutorials (advanced technology seminars), poster displays and tool demonstrations on Formal Techniques are solicited, particularly in the following areas:

Methodology and architecture
Design and implementation
FDT-based software engineering
Comparative analyses of FDTs
Practical usage experience and case studies
Corporate strategic and financial consequences of FDT use

Extensions of FDTs
Verification, validation and testing
Tools & tool support
Examples and analyses of formal descriptions
Industrial transfer and usage

FORTE'94 will be sponsored by IFIP WG6.1. Additional support will be provided by the corporate sponsors Alcatel STR, Siemens-Albis, ASCOM and the Swiss PTT, as well as by the non-corporate sponsors Max and Elsa Beer-Brawand Fonds of the University of Berne and Swiss National Science Foundation. The conference Proceedings will be published by the official publisher of IFIP WG6.1 Proceedings, presumably by Elsevier Science Publishers B.V. (North Holland) in the IFIP Transactions C series, titled *Formal Description Techniques, VII*. FORTE'94 will start with one day of tutorials and advanced technology seminars on 4 October 1994 and will continue with three days of technical presentations (no parallel sessions). Tool presentations and poster displays will be offered throughout all four days of FORTE'94. The conference will be held in the main building of the University of Berne.

Important dates:

- 6 May 1994 Submission deadline for
 - Full original research papers, 5 copies, up to 16 pages (including bibliography), 12 point, single spaced.
 - Industrial usage reports, 5 copies, up to 8 pages, 12 point, single spaced.
 - Proposals for tool demonstrations (including hard- and software requirements), poster displays, tutorials and advanced technology seminars.

All submissions should be sent to Stefan Leue.

- 4 July 1994 Notification of acceptance.
- 12 August 1994 Camera ready copy for participants proceedings due.

For further information:

Conference Chairperson:	Conference Organization Chairperson:
Dieter Hogrefe	Stefan Leue
Institute for Informatics and Applied Mathematics	
University of Berne	
Länggassstr. 51, CH-3012 Berne, Switzerland	
Tel: +41 31 65 49 94	Tel: +41 31 65 44 30
Fax: +41 31 65 39 65	Fax: +41 31 65 39 65
from 25 September 1993 on:	from 25 September 1993 on:
Tel: +41 31 631 49 94	Tel: +41 31 631 44 30
Fax: +41 31 631 39 65	Fax: +41 31 631 39 65
Email: forte94@iam.unibe.ch	
Anonymous ftp: siam.unibe.ch, directory forte94	

Program Committee: to be announced.

FORTE'94

Expression of Interest in IFIP TC6/WG6.1 Seventh International Conference on FORMAL DESCRIPTION TECHNIQUES for Distributed Systems and Communications Protocols Berne, Switzerland, 4-7 October 1994

12.30

If you are interested in FORTE'94, please return the following information to the Organization Committee Chair

Stefan Leue
Institute for Informatics and Applied Mathematics, University of Berne
Länggassstr. 51, CH-3012 Berne, Switzerland
Tel: +41 31 65 44 30, Fax: +41 31 65 39 65
from 25 September 1993 on:
Tel: +41 31 631 44 30, Fax: +41 31 631 39 65
Email: forte94@iam.unibe.ch

This form can also be obtained via anonymous ftp from host *siam.unibe.ch* (login via ftp as user *anonymous* and give your email address as password), in directory *forte94* under filename *cfp_pre.ps.Z*.

Name (including title):

Affiliation:

Address:

Address:

Tel.:

Fax:

Email:

- ☐ I would like to receive further information about FORTE'94 by ELECTRONIC MAIL, please put me on your EMAIL mailing list.
- ☐ I would like to receive further information about FORTE'94 by MAIL, please put me on your mailing list.
- ☐ I intend to submit to FORTE'94

- ☐ a research paper / an industrial usage report (please mark the appropriate category),

entitled:

provisional author list:

- ☐ a tool demonstration / poster display (please mark the appropriate category),

entitled:

presented by / tool supplier / presenting organization:

- ☐ I informally offer to hold a tutorial / advanced technology seminar

entitled:

provisional author list:



INSTITUTE OF COMPUTER SCIENCE
POLISH ACADEMY OF SCIENCES
Ordona 21, 01-237 Warsaw, Poland

phone: ++48-22 36-28-41
36-28-62
36-28-85
36-37-09
fax: ++48-22 37-65-64

Warsaw, September 15, 1993

12.31

Prof. Dr. Otto Spaniol
Chairman of IFIP TC 6
Technical University Aachen
Ahornstrasse 55
DW-5100 AACHEN, Germany

Dear Professor Spaniol,

Being interested in organizing the PSTV'95 (Protocol Specification, Testing and Verification) conference, I am addressing to you, as Chairman of the sponsoring IFIP Technical Committee, the attached "IFIP EVENT REQUEST FORM" (and a more elaborated proposal). A copy of these are also sent to Dr Harry Rudin as Chairman of WG6.1, the sponsoring Working Group, from whom I received all information.

Please note that no proceeds to IFIP is included in the planned expenses. The reason is that in this special situation in which the organization of the conference in that part of Europe seems to be of great importance, its cost should be kept as low as possible for it always is, in case of participants from the countries of the region, very high. As I wrote in the proposal an effort will be made to get some additional support with aim to offer some financial help to these participants. I hope IFIP will understand our position.

I am looking forward to receiving an IFIP response and/or your remarks or comments.

Sincerely yours,

Piotr Dembinski
Professor



IFIP EVENT REQUEST FORM

1232

This form is used whenever approval of IFIP's involvement in an event, not yet notified by IFIP, is requested in accordance with the document IFIP EVENT APPROVAL GUIDELINES (available from the IFIP Secretariat). The form should be prepared by the Main Organiser and forwarded via the Chair of the IFIP Responsible TC/SG to the IFIP Secretariat.

Signed by Main Organiser Contact: *P. Duma* Date September 15, 1993
Signed by IFIP Responsible Chair: Date

1. GENERAL INFORMATION:

Notification for inclusion in IFIP ACTIVITY PLAN requires information on

In Series No. : .. Main Spons.Organisation: IFIP. Event category: CF
Attendance : open/~~restricted~~ Expect. size: 100 Break-even:
Purpose : profess./~~educational~~ Contributions: refereed/unrefereed

Official Name : The 15th International Symposium on Protocol..
Specification, Testing and Verification.....

Acronym : PSTV'95 Dates : June 13-17, 95.
City : Warsaw Country: Poland.....

Main Sponsor : IFIP TCG
Joint Sponsors:
Co-Sponsors :

Main Organiser: Institute of Computer Science of the Polish Academy of
Co-Organisers : Institute of Telecommunications of the Sciences
Host Organiser: Warsaw University of Technology

2. SPONSOR AND SUPPORT INFORMATION:

Sponsorship is requested from IFIP represented by WG6.1 as Main Sponsor

Papers are under copyright by: IFIP
solicited by: personal invitation/~~journal advertising~~/ call for papers
submitted as: full papers/~~extend-abstr.~~ in 5 copies before January 15, 95
selected as: invited papers and/or expected number accepted 3-6
refereed/~~unrefereed-papers~~ expected number accepted 20-25
presented in: .. ~~parallel tracks~~ submit to publisher July 31, 95
published as: Proceedings by: North-Holland.....
Expected pages: 350-400 Expec. month of publ November, 95

Exp. proceeds : Guar CHF, Incm.share ... pct, Surpl.share ... pct
Budget submit.: Statement of Understanding submit.:

Req. support : Loan CHF, Grant CHF, Loss share ... pct
For budg. year:

Comment to AMB: Neither support nor loan is requested from IFIP. The conference is planned to be self-financing with all expences before conference credited by the Main Organizer. A release from proceeds to IFIP is requested in order to keep the cost of participation as low as possible. This is especially important for participants from Central and Eastern Europe for whom the cost is very high.

IFIP EVENT REQUEST FORM
(continued)

1233

Signed by Main Organiser Contact: P. Dembiński Date September 15, 1993
Signed by IFIP Responsible Chair: Date

3. ACCOUNTING INFORMATION:

Income:	Budget	Actual
Grant from IFIP	 CHF	 CHF
Support from other organisers	 CHF	 CHF
Contributions from supporters	 CHF*	 CHF
Registration from participants	35500 CHF	 CHF
Exhibits income	 CHF	 CHF
Other (tutorials, social etc.)	9500 CHF	 CHF
Total income	45000 CHF	 CHF
Expenses:		
Preconference expenses	18000 CHF	 CHF
Other fixed expenses	12000 CHF	 CHF
Guaranteed proceeds to IFIP	 CHF	 CHF
IFIP share of reg. and exhibits income	 CHF	 CHF
Other variable expenses	11000 CHF	 CHF
Contingencies	4000 CHF	 CHF
Total expenses	45000 CHF	 CHF
Surplus/Loss	 CHF	 CHF
Surplus/Loss share to IFIP	 CHF	 CHF

4. ADDITIONAL INFORMATION:

General Chair : .. Piotr Dembiński
Program Chair : .. Piotr Dembiński (Co-Chair), Marek Średniawa (Co-Chair)
Program Comm. : total 28 members of which ? are nominated by IFIP

Main Org. cont.: .. Piotr Dembiński
Ord. mail adr.: .. ICS PAS, Ordona 21, 01-237 Warsaw, Poland
E-mail adr.: .. piotrd@plearn.bitnet or piotrd@plearn.edn.pl
Phone : (+48)(22)362841 Fax : (+48)(22)376564

Main Editor : .. Piotr Dembiński & Marek Średniawa
Ord. mail adr.:
E-mail adr.: .. above
Phone : Fax :

Comment to AMB: * Any contribution from supporters will be used to offer some financial help to participants from Eastern and Central Europe.

When the request has been processed, the IFIP Secretariat will inform
Main Organiser Contact and IFIP Responsible Chair

Proposal to host PSTV'95

1234

The 15th International Symposium on Protocol Specification, Testing and Verification

Piotr Dembinski
Institute of Computer Science
Polish Academy of Sciences

It is assumed that one of the aim of the PSTV conferences is to promote the domain of protocol specification and validation over the world. That is why the conference venue alternates between Europe and other continents. It seems that it is time to present the state of the art in the domain to the audience of Central and Eastern Europe. Holding PSTV'95 in Warsaw would strongly contribute to that objective.

Organizers

The PSTV'95 conference would be organized jointly by the following two institutions:

- *Institute of Computer Science of the Polish Academy of Sciences and (ICS PAS)*
- *Institute of Telecommunications of the Warsaw University of Technology (IT WUT).*

Taking into account complementary experience and competence of the two partners, they seem to offer an ideal combination to co-organize the event.

Institute of Computer Science is a leading Polish research institution having recognized results specifically in theoretical foundations of computer science. The institute initiated in 1972, and since then has organized, well known international MFCS (Mathematical Foundations of Computer Science) symposia. On the other hand, the Institute of Telecommunications is a major Polish educational and research center in the domain of telecommunications.

The two institutes are also partners (among other partners from East and West) within a joint research project COST 247, concerning formal description techniques, co-financed by the Commission of the European Communities. Organizing PSTV'95 in Poland would nicely complement the project being at the same time and among other an excellent forum to present its results.

Proposed organizing persons:

P. Dembinski, ICS PAS:	Conference Chair and Program Co-chair
M. Sredniawa, IT WUT:	Program Co-chair and Organization Chair

Conference Venue: Warsaw

Warsaw, in Polish Warszawa, as a legend goes, arose out of love of brave Wars and beautiful Sawa. Situated on the banks of Vistula river that opens a waterway to Gdansk and the Baltic sea, Warsaw was already in 13th century an important municipal organism and essential trading place. It became the capital of Mazovian Duchy in the mid of the 14th century and the capital of Poland in the 16th century. The city was destroyed many times, but during the Second World War Poland's capital was literally transformed into a desert of cinders. The city was rebuilt after the war preserving and conserving all the historical remains such as the Old Town, Royal Castle, St. John's Cathedral and many others.

12.35

Warsaw, nowadays a city of 1.700.000 inhabitants, is the main administrative, cultural and scientific center of Poland. It is a city of several universities and a most important location for informatics and telecommunication.

Warsaw is situated in the geographical center of Europe on the intersection of the longest continental route linking Lisbon with Moscow and the shortest route on land between Black Sea and Baltic. It is easily reachable from all parts of the world and by all means of transportation. It takes only 6 hours by train from Berlin to downtown Warsaw which is, in turn, only about 20 minutes from the Warsaw international airport.

Location and Accommodation

The proposition is to hold the conference in a centrally located conference center offering rooms for presentations and adequate facilities. The center is in a walking distance from a variety of hotels with prices ranging from 50 to 250 CHF for a single room.

Dates and Program

We propose to organize the conference in June (13-17). The weather is usually warm and pleasant in Warsaw at that time.

The usual four day program is assumed with the first day devoted to tutorials and the remaining three days to regular papers (invited and submitted). The aim is to preserve a good balance between theory and practice in the program of the conference to meet expectations of a wide number of people from both academic and industry.

Important dates:

- January 15, 1995: Submission of papers
- March 1, 1995: Submission of tutorials
- April 15, 1995: Notification of acceptance
- June 15, 1995: Submission of final version of papers

Conference Participants and Support

80-100 participants are expected from all over the world including about 40 from Central and Eastern European countries. About 40-60 persons will attend tutorials.

An effort will be made to get some support of the conference from telecommunication or other companies with aim to offer some funds to those participants from the Central and Eastern European countries who cannot cover the growing overall costs of the participation in international events.

Conference Budget and Fees

Below are principal and approximate expenses followed by the resulting calculation of the registration fees. The calculation is made under assumption that : 20 attendees will pay for tutorials only, 40 only for conference, and 40 participants will pay full fees.

Prices are estimated in CHF as of fall 1993. Inflation rate, while still quite high in Poland, does not concern so much the prices we are interested in.

The possible additional financial support (if any) will be assigned to create a number of

stipends enabling to cover, for some participants from Central and Eastern Europe, a part of their expenses (including fees). Therefore, the amount is not taken into account in the calculation below as not contributing to the regular fee value.

Estimated expenses before the conference	18000 CHF
Estimated expenses during the conference	27000 CHF

TOTAL EXPENSES	45000 CHF
-----------------------	------------------

12.36

Participation fees:

Tutorials only	150 CHF
Conference only	400 CHF
Full registration	550 CHF

TOTAL FEE INCOME $(20 * 150 + 40 * 450 + 40 * 600)$ 45000 CHF

Further Contacts

For further information please contact:

Piotr Dembinski
Institute of Computer Science
Polish Academy of Sciences
Ordona 21
01-237 Warsaw, Poland
Tel.: +48 22 36 28 41
Fax: +48 22 37 65 64
E-mail: piotrd@plearn.bitnet
piotrd@plearn.edu.pl

Marek Sredniawa
Institute of Telecommunications
Warsaw University of Technology
Nowowiejska 15/19
00-665 Warsaw, Poland
Tel.: +48 22 25 98 20
Fax: +48 22 25 49 50
E-mail: mareks@tele.pw.edu.pl



OSAKA UNIVERSITY
Department of Information and Computer Sciences
Faculty of Engineering Science
Toyonaka, Osaka, 560 JAPAN

12.34

10th Sept., 1993

Prof. Otto Spanion
IFIP TC6 Chair
Technical University Aachen
Ahornstrasse 55
DW-5100 Aachen
Germany

Dear professor Spanion :

Enclosed you find is an IFIP Event Request Form for the 7th Int. Conf. on Protocol Test Systems which we will organize on 7-10 Nov. 1994 in Tokyo, Japan. I have received this form from Dr. Harry Rudin, IFIP TC6/WG6.1 Chair, and he has asked me to fill out it and send it to you.

I would appreciate it you could kindly process this form and let us organize the conference with IFIP support. If you have some questions about the form, please send me e-mails.

Sincerely

Teruo Higashino
Teruo Higashino
Associate Processor

Teruo Higashino Associate Professor
E-mail: higashino@ics.osaka-u.ac.jp
Tel +81-6-850-3069 Fax +81-6-850-3059



IFIP EVENT REQUEST FORM

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This form is used whenever approval of IFIP's involvement in an event, not yet notified by IFIP, is requested in accordance with the document IFIP EVENT APPROVAL GUIDELINES (available from the IFIP Secretariat). The form should be prepared by the Main Organiser and forwarded via the Chair of the IFIP Responsible TC/SG to the IFIP Secretariat.

Signed by Main Organiser Contact: *Teruo Higashino*

Date *6th Sept, 1993*

Signed by IFIP Responsible Chair: *[Signature]*

Date *23 Sept 1993*

1. GENERAL INFORMATION:

Notification for inclusion in IFIP ACTIVITY PLAN requires information on

In Series No. : .. Main Spons.Organisation: Event category: ..
Attendance : open/restricted Expect. size: Break-even:
Purpose : profess./educational Contributions: refereed/unrefereed

Official Name : *IFIP WG6.1*
7th International Workshop on Protocol Test Systems

Acronym : *IWPTS'94*
City : *Tokyo*

Dates : *8-10 November 1994*
Country: *Japan*

Main Sponsor : *IFIP TC6 (WG6.1)*
Joint Sponsors: *Information Processing Society of Japan (IPSJ)*
Co-Sponsors : *Interoperability Technology Association for Information Processing, Japan (INTAP)*
Main Organiser: *Teruo Higashino*
Co-Organisers : *Norio Shiratori, Tadanori Mizuno, Yoshihiko Yokoyama*
Host Organiser:

2. SPONSOR AND SUPPORT INFORMATION:

Sponsorship is requested from IFIP represented by as *full* Sponsor

Papers are under copyright by: *IFIP*
solicited by: personal invitation/journal advertising/ *all for papers*
submitted as: *full papers*/extend.abstr. in *5* copies before *April 11, 1993*
selected as: *invited papers* and/or expected number accepted *3*
refereed/unrefereed papers expected number accepted *20*
presented in: *parallel tracks* submit to publisher
published as: *IFIP Transactions* by: *North-Holland*
Expected pages: *350* Expec. month of publ.: *March 1995*

Exp. proceeds : Guar CHF, Incm.share .0 pct, Surpl.share .0 pct
Budget submit.: Statement of Understanding submit.:

Req. support : Loan .0 CHF, Grant CHF, Loss share .0 pct
For budg. year:

Comment to AMB: *Since we do not have enough budget, we think we cannot pay any proceeds to IFIP. We would appreciate if you could accept it.*

*NO sponsorship
fee required,
since the event
is a "workshop".*

IFIP EVENT REQUEST FORM
(continued)

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Signed by Main Organiser Contact: Teruo Higashino Date 6th Sept. 1993
Signed by IFIP Responsible Chair: Date

3. ACCOUNTING INFORMATION:

Income:	Budget	Actual
Grant from IFIP	 0 CHF	 CHF
Support from other organisers	 0 CHF	 CHF
Contributions from supporters	 6000 CHF	 CHF
Registration from participants	 22570 CHF	 CHF
Exhibits income	 0 CHF	 CHF
Other (tutorials, social etc.)	 0 CHF	 CHF
Total income	 28570 CHF	 CHF
Expenses:		
Preconference expenses	 13570 CHF	 CHF
Other fixed expenses	 12000 CHF	 CHF
Guaranteed proceeds to IFIP	 0 CHF	 CHF
IFIP share of reg. and exhibits income	 0 CHF	 CHF
Other variable expenses	 700 CHF	 CHF
Contingencies	 2300 CHF	 CHF
Total expenses	 28570 CHF	 CHF
Surplus/Loss	 0 CHF	 CHF
Surplus/Loss share to IFIP	 0 CHF	 CHF

(We have calculated 1 CHF = 70 Yen $\approx$ 0.66 U.S \$) $\leftarrow$ We do not know the current rate of CHF.

4. ADDITIONAL INFORMATION:

General Chair : .. Norio Shiratori , .. Yoshihiko Yokoyama
Program Chair : .. Tadanori Mizuno , .. Teruo Higashino
Program Comm. : total .. members of which .. are nominated by IFIP
Main Org. cont.: .. Teruo Higashino
Ord. mail adr.: .. Dept. Info. and Comp. Sci., Osaka Univ., Toyonaka Osaka 560 Japan
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Main Editor : .. Norio Shiratori
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E-mail adr.: .. norio@shiratori.aci.tohoku.ac.jp
Phone : .. +81-22-227-6200 ex 2315 Fax : .. +81-22-216-4460

Comment to AMB:

When the request has been processed, the IFIP Secretariat will inform Main Organiser Contact and IFIP Responsible Chair

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ANNOUNCEMENT AND CALL FOR PAPERS

**International Conference on
Local and Metropolitan Communication Systems
LAN & MAN**

December 7-9, 1994, Kyoto, Japan

Sponsors: IFIP WG6.4
Kyoto University

IFIP Task Force of Performance of Computer Networks
Japan Joint Chapter of ORSA and TIMS

Organizers: T.Hasegawa(Kyoto Univ., Japan), G.Pujolle(Univ. Versailles, France)

Program Co-chairmen: H.Takagi(IBM, Japan), Y.Takahashi(Kyoto Univ., Japan)

Scope of the Conference:

This conference has two sets of predecessors. It is the third in a series of international conferences on Local and Metropolitan Communication Systems - LAN & MAN held by IFIP WG6.4; the first was in Toulouse in 1986 and the second in Palma de Mallorca in 1991. It is also the fourth in a triennial series organized by Kyoto University on the performance of communication systems (the previous ones were in 1985, 1988, and 1991).

The conference is intended to provide an international forum for the presentation of recent results in the general area of local and metropolitan communication systems, with special emphasis on architecture, technology, applications, and performance. It will be devoted, but not restricted, to the following and related topics:

Subjects

Protocol Enhancement Admission and Congestion Control
Multimedia Communication
ATM Switch
Internetworking
Bridge and Gateway Technology
Wireless LAN
Mobile Communication
Traffic Source Characterization
Performance Modelling and Analysis
ATM Related Queueing Models
Performance Evaluation Tools

72.41

Program Committee:

H.Bruneel(Univ. Ghent, Belgium)
J.P.Cabanel(ENSEEIH-IRIT, France)
I.Chlamtac(Univ. Massachusetts, U.S.A.)
A.Danthine(Univ. Liège, Belgium)
L.F.M.de Moraes(IME/RJ, Brazil)
G.Fayolle(INRIA, France)
J.Filipiak(Univ. Mining and Metallurgy, Poland)
L.Fratta(Univ. Milano, Italy)
M.Gerla(Univ. California, U.S.A.)
D.Grillo(Fond. U. Bordoni, Italy)
P.Harrison(Imperial College, U.K.)
O.Hashida(Tsukuba Univ., Japan)
V.B.Iversen(Tech. Univ. Denmark, Denmark)
K.Kawashima(NTT, Japan)
H.Kobayashi(Princeton Univ., U.S.A.)
U.Körner(Lund Inst. Tech., Sweden)
P.J.Kuehn(Univ. Stuttgart, FRG)
J.Kurose(Univ. Massachusetts, U.S.A.)
A.Leon-Garcia(Univ. Toronto, Canada)
H.Miyahara(Osaka Univ., Japan)
R.Onvural(IBM, USA)
H.Perros(North Carolina State Univ., USA)
R.Puigjaner(Univ. Illes Balears, Spain)
O.Spaniol(Univ. of Aachen, FRG)
H.Takagi(IBM, Japan)
F.Tobagi(Stanford Univ., USA)
C.K.Un(KAIST, Korea)
R.Warfield(Telecom Australia, Australia)
Y.Yemini(Columbia University)
T.S.Yum(Chinese Univ. of Hong-Kong, Hong-Kong)

Proceedings:

Elsevier(North-Holland)(IFIP Series)?

Schedule:

Submission deadline — April 15, 1994.
Notification — August 1, 1994.
Camera-ready manuscript — October 1, 1994.

Instructions:

Papers should be written in English and be not longer than 20 pages.
Send 5 copies of full paper to Prof. Y. Takahashi, Program Co-chairman.

All correspondence should be addressed to:

Prof. Yutaka TAKAHASHI

Dept. of Applied Math. and Phys.

Fac. of Engineering

Kyoto University

Kyoto 606, Japan

Phone: +81.75.753.5493

Fax: +81.75.761.2437

Telex: 5423115 ENG KU J

E-mail: yutaka@kuamp.kyoto-u.ac.jp

12.12

IFIP EVENT REQUEST FORM

This form is used whenever approval of IFIP's involvement in an event, not yet notified by IFIP, is requested in accordance with the document IFIP EVENT APPROVAL GUIDELINES (available from the IFIP Secretariat). The form should be prepared by the Main Organizer and forwarded via the Chair of the IFIP Responsible TC/SG to the IFIP Secretariat.

Signed by Main Organizer Contact:
Einar Stefferud, WG 6.5 Chair

Date: 21 Oct 92

Signed by the IFIP Responsible Chair:
Otto Spaniol (TC-6 Chair)

Date: _____

1. GENERAL INFORMATION:

Notification for inclusion in the IFIP ACTIVITY PLAN requires information on:

In Series No. : Main Spons.Organization: WG 6.5; Event Category: WC
Attendance : OPEN; Expected size: 150; Break-even: 100
Purpose : PROFESSIONAL; Contributions: REFEREED

Official Name : 1994 IFIP International Working Conference on
UPPER LAYER PROTOCOLS, ARCHITECTURES, AND APPLICATIONS

Acronym : IFIP 6.5 - ULPA '94 Dates: 1-3 June 1994
City : Barcelona (CAT) Country: Espana (Spain)

Main Sponsor : IFIP Working Group 6.5
Joint Sponsors: none
Co-Sponsors : none

Main Organizer: IFIP WG 6.5
Co-Organizer : none
Host-Organizer: Universitat Politecnica de Catalunya (AC Dept.)

2. SPONSOR AND SUPPORT INFORMATION:

Sponsorship is requested from IFIP represented by WG.65 as FULL Sponsor.

Papers are under copyright by IFIP

solicited by: PERSONAL INVITATION/JOURNAL ADVERTISING/CALL FOR PAPERS
submitted as: FULL PAPERS in 5 copies before 15 nov 1993
selected as: INVITED PAPERS expected number accepted: 5
REFEREED papers expected number accepted: 30
presented in: 1 (ONE) parallel track submit to publisher.....
published as: PROCEEDINGS by: 1 August, 1994

Expected pages: 650 Expec. month of Publication: November

Exp. Proceeds: Guar 4,000 USD, Income.Share 0 pct, Surplus.Share 100 pct.
Budget submit.: YES Statement of Understanding submit.: NONE

Required. support: Loan 6,000 CHF, Grant: 0 CHF, SurplusShare 100 pct.
For Budget Year: 1994

12.83

IFIP EVENT REQUEST FORM

(continued)

Signed by Main Organizer Contact: Manuel Medina _____
Date: 14 oct 1992

Signed by the IFIP Responsible Chair:
Einar Stefferud, WG6.5 Chair; Date: 21 Oct 92

3. ACCOUNTING INFORMATION:

=====

Income:	Budget	Actual
LOAN From IFIP (No Grant)	6,000 USD	_____ USD
Support from other Organizers	10,000 USD	_____ USD
Contributions from Supporters	4,000 USD	_____ USD
Registrations from participants	43,000 USD	_____ USD
Exhibits Income	000 USD	_____ USD
Other (Tutorials, Social, etc.)	10,000 USD	_____ USD
=====		
Total Income	73,000 USD	_____ USD
=====		
Expenses:	Budget	Actual
Preconference Expense	13,000 USD	_____ USD
Other Fixed expenses	13,500 USD	_____ USD
Guaranteed proceeds to IFIP	10,000 USD	_____ USD
(loan=6,000 & Guarantee=4,000)		
IFIP share of reg. and exhibits inc.	000 USD	_____ USD
Other variable expenses	20,500 USD	_____ USD
Contingenc. (10%) + Surplus (10%)	11,400 USD	_____ USD
=====		
Total Expenses	68,400 USD	_____ USD
=====		
Surplus/Loss	4,600 USD	_____ USD
Surplus/Loss share to IFIP	4,600 USD	_____ USD

4. ADDITIONAL INFORMATION:

General CoChairs: Einar Stefferud, Christian Huitema
Program CoChairs: Nathaniel S. Borenstein, Manuel Medina
Past-Prog. CoChairs: Gerald Neufeld, Bernard Plattner
Organizing Committee: Leandro Navarro
Program Committee: Total 25 Members of which 25 are nominated by IFIP.

Main Org. contact: Einar Stefferud, President, Network Management Assoc.
Ord. mail address: 17301 DREY Lane, Huntington Beach, CA 92647-5615 USA
E-Mail address: Internet: stef@ics.uci.edu

Phone: +1 714 842 3711 FAX: +1 714 848 2091

Main Book Editors: Manuel Medina & Nathaniel S. Borenstein

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X.400: S=medina; OU=ac; O=upc; PRMD=IRIS; ADMD=mensatex; C=es

Phone: +34 3 401 6984 FAX: +34 3 401 7055

13.1

Date: Thu, 9 Sep 93 20:31:43 EST
From: svr@iitm.iitm.ernet.in (Dr.S.V.Raghavan)
To: spaniol@i4.informatik.rwth-aachen.de
Subject: TC6 Meeting in Sofia 93/2
Cc: boyanov@bgcict.bitnet, svr@iitm.iitm.ernet.in

Name: S. V. Raghavan Date: Sept 09, 1993

o Sorry I wont be able to make it this time.

Networks 94 INDIA:

Input for the TC6 Meeting 93/2 at Sofia:

Computer Society of India has agreed to Cosponsor.

Venue will be IIT Madras.

It will be joint IFIP TC6 & CSI event as in the earlier years.

Support required will be limited to Inviting Speakers.

Call for Papers will be sent out in November 1993.

Formal request by filling in form as per approved TC6 format is being sent separately. Delay is mainly due to organisational elections both at the National :

Raghavan S.V.

TC6 Representative - India.

13.2

Date: Wed, 15 Sep 93 19:49:18 EST
From: svr@iitm.iitm.ernet.in (Dr.S.V.Raghavan)
To: spaniol@i4.informatik.rwth-aachen.de
Subject: Networks 94
Cc: bnjain@iitd.ernet.in, kamala@iitm.iitm.ernet.in, mittal@iitm.iitm.ernet.in, mouli@iitm.iitm.ernet.in, prabha@iitm.iitm.ernet.in, tag@iitm.iitm.ernet.in

1. The dates are December 30, 1994 - January 2, 1995. Sorry about the miss!
2. Your observation is right. The New Year is sandwiched to get "more" people either combined with "tourism" or as a visit during holidays. In India, New Year celebration is not "critical" to many. There are enough religious holidays to "worry about". Added to that, it is the vacation period for all. Also, those who frequently go abroad for professional reasons, avoid December 25 - Jan 5 and stay back. It was a conscious decision.
3. CFP will be out by November 30, 1993. Like last year, we will continue to extend Networks: Architecture, Protocols and Applications. You may notice that we have increased number of conference days by one. This is the first step to cover more areas and to get wider participation.
4. The Venue will be Indian Institute of Technology Madras located in Madras City. This is to have the cost lower and to enable more student participation.
5. I will continue to be the Chair for Programme. Prof. Bijendra N. Jain will be the CoChair. Prof Jain is known for his book on OSI... published by Elsevier.
6. Mr. K. V. Seshasayee will be Organizing Chair. Dr. Ravi Mittal will be in charge of Local Arrangements.
7. There will be FOUR tutorials - Half day each on December 30, 1994. Topics to be finalised.
The Conference Dinner will be during New Year eve alongwith a Cultural Programme.

I shall keep sending you more info as things shape up.

raghavan

13.3

Date: Mon, 3 May 93 09:49:19 +0200
To: spaniol@informatik.rwth-aachen.de
From: fdida@masi.ibp.fr
Subject: dates & Dagstuhl Workshop

Dear Otto,

First, I would like to let you know that Raif Onvural and myself plan to organise the next IFIP conference on "Data Communication Networks and their performance" to be held in Istanbul as accepted by the IFIP committee (as far as I know and Guy Pujolle told me). We would like to have it either on June '95. If you think it is too soon, then either October 95 or June 96. Let us know about the possible acceptance of these dates.

Second, I'd like to let you know that, unfortunately, I will not be able to attend the Dagstuhl Workshop. I am very please that you invite me and I would like to attend it but I have family constraint at the workshop dates so that I can not attend it. I hope that I will have the opportunity to join another one.

Thanks again,

Regards,
Serge

Serge FDIDA E-mail: fdida@masi.ibp.fr
Laboratoire MASI Tel Paris 6: +33 (1) 44.27.30.58
4, place Jussieu Tel EHEI/Paris 5: +33 (1) 42.86.21.36
75252 Paris Cedex 05 Fax Paris 6: +33 (1) 44.27.62.86

Dear Serge

regarding "6th conference on Performance of Data Communication Systems" the information given by Guy Pujolle in Versailles was "fall 95". At the moment there are no visible conflicts with other dates thus it could be either June 95 or October 95. Of course you'll have to avoid the center of holiday period in Turkey.

Personally I would have a slight tendency to Sept/Oct. 95 since in Versailles we also discussed a possible place of the second TC6 meeting in 1995. Whereas we should have a meeting in North America this would only be possible if there will be a TC6 conference in that area in the second half of 1995 - and nobody knows about such an event for the moment being.

As an alternative we seriously discussed Istanbul as a place for the meeting; it would surely be very attractive but in that case we would really have to have the conference not earlier than September 95. We'll have some time to think about it. After our next meeting in Sofia (Oct. 15-16) things should become clear - at the latest -.

Another argument in favour of the latter of your proposed dates would be that otherwise the distance between two consecutive events would be very low (in earlier times we had 3 years as average distances).

Best wishes
Otto

cc.: Guy Pujolle, Harry Perros, Yutaka Takahashi

ACTIVITY	TITLE	SPONSORS	TIME	PLACE	STATUS	OTHER
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Remaining events in 1993

Workshop	6th Intern.WS on Protocol Test Systems	WG 6.1	28 - 30 Sep 93	Pau, France	TC-6 OK	IFIP 979
Workshop	Distr. Systems Operation and Management IV (DSOM 93)	WG 6.6 / IEEE Committee on Netw. Oper. + Man.	5 - 6 Oct 93	Long Branch, New Jersey, US	TC-6 OK	IFIP 963
Symposium	Network Information Processing Systems	BAS / TC-6	12-14 Oct 93	Sofia, Bulgaria	TC-6 OK	IFIP 542
Meeting	TC-6 Meeting 93/2	TC-6	15 - 16 Oct 93	Sofia, Bulgaria	OK	
Conference	First International Conf. on LAN Interconnection	NSF, IBM, WG 6.4 IEEE, ACM	20 - 22 Oct 93	Raleigh, USA	OK	IFIP 980
Conference	5th Int'l Conference on Data Comm. Syst& Performance (High Speed Networks)	TC-6 /WG 6.4 / WG 7.3 Task Group 'Perform.'	25 - 28 Oct 93	Raleigh, USA	TC-6 OK	IFIP 846
Conference	FORTE '93	WG 6.1	26 - 29 Oct	Boston, USA	TC-6 OK	IFIP 976

ACTIVITY	TITLE	SPONSORS	TIME	PLACE	STATUS	OTHER
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Events to be held in 1994

Symposium	NOMS 94 (Netw. Oper. and Manag.) "It's a Small World"	IEEE / IFIP WG 6.6 ?????	14 - 17 February 1994	Orlando, USA <i>Advertising for Disneyland</i>	Unknown to TC 6 and to IFIP !	???
Working Conference	Broadband Communication 94	TC-6 Task Force Broadb. Systems	2 - 4 March 1994	Paris, France	TC6 OK	IFIP 981
Conference	INDC - 94	API / TC-6 / ICC	18 - 21 Apr 94	Funchal, Portugal	TC-6 OK	IFIP 649
Meeting	TC-6 Meeting 94/1	TC-6	22 - 23 Apr 94	Funchal, Portugal	TC-6 OK	
Conference	7th Intern. Conference on Modelling Techniques and Tools for Computer Performance Evaluation	ÖGI / WG 7.3 / Task Group 'Performance'	3 - 6 May 1994	Vienna, Austria	TC-6 OK	IFIP 1009
Working Conference	Upper Layer Architectures and Applications	WG 6.5	30 - 31 May (Tut.) 1 - 3 June (Conf)	Barcelona, Spain	TC6 OK	IFIP 983
Working Conference	Protocol Specification, Testing and Verif. XIV	WG 6.1	7 - 10 June 94	Vancouver, Canada	TC 6 OK	IFIP 847
Conference	High Performance Networks V	WG 6.4	27 June - 1 July 94	Grenoble, France	TC 6 OK	IFIP 985
Working Conference	Protocols for High Speed Networks	WG 6.1	10 - 12 Aug 94	Vancouver, Canada	TC 6 OK	IFIP 987
Congress	IFIP '94	IFIP	29 Aug - 2 Sep 94	Hamburg, Germany	OK	IFIP 695
Conference	FORTE 94	WG 6.1	4 - 7 Oct 94	Bern, Switzerland	TC 6 OK	IFIP 986
Conference	SEACOMM	MNCC / TC-6	4 - 6 Oct 94	Kuala Lumpur, Malaysia	TC 6 OK	IFIP 650
Meeting	TC-6 Meeting 94/2	TC-6	7 - 8 Oct 94	Malaysia	TC 6 OK	
Workshop	Distr. Systems Operation and Management V	WG 6.6	10 - 11 Oct 94	Toulouse, France	Under Study	IFIP 1012
Workshop	7th Intern. WS on Protocol Test Systems	WG 6.1	7 - 10 Nov 94	Tokyo, Japan	TC 6 OK	IFIP 848
Symposium	3rd LAN & MAN Symp.	WG 6.4	7 - 9 Dec 94	Kyoto, Japan	Under Study	IFIP 936
Workshop	Mobile Systems	TC-6 (Task Group on Wireless Networks)	1994	Prague, Czechia	Under Study	IFIP 842

ACTIVITY	TITLE	SPONSORS	TIME	PLACE	STATUS	OTHER
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Events to be held in 1995

Workshop	Perform. of LAN/MAN Communication Systems	TC-6 Task Group 'Performance'	Early 1995	D.O.M., T.O.M., France	Under Study	IFIP 982
Workshop	ATM in LAN/MAN Environment	WG 6.4	no concrete date	New York	Under Study	IFIP 984
Conference	AFRICOM III	TC-6 /CSSA	20-22 March 1995	Durban, South Africa	TC 6 OK	IFIP 1008
Meeting	TC-6 Meeting 95/1	TC-6	23-24 March 1995	South Africa	TC 6 OK	
Conference	4th Intern. Symp. on Netw. Management	WG 6.6	Apr 95	Boston, USA	Under Study	
Conference	3rd International Conf. on Open Distr. Processing	WG 6.1	Apr/May 95	Australia	Under Study	
Working Conference	Protocol Specification, Testing and Verif. XV	WG 6.1	13 - 17 June, 1995	Warsaw, Poland	Under Study	
Working Conference	Protocols for High Speed Networks 95	WG 6.1	?	Europe	Under Study	
Conference	FORTE '95	WG 6.1	?	USA	Under Study	
Conference	6th Conf. on Perf. of Data Comm. Systems	Task Group 'Perform.' WG 7.3	Fall 95	Istanbul, Turkey	Under Study	
Meeting	TC-6 Meeting 95/2	TC-6	1995	USA or Turkey	Under Study	
Conference	Networks 95	CSI / TC-6	Early 95	India	Under Study	
Workshop	Distr. Systems Operation and Management VI	WG 6.6	Oct 95	?	Under Study	
Workshop	8th Intern.WS on Protocol Test Systems	WG 6.1	1995	?	Under Study	

ACTIVITY	TITLE	SPONSORS	TIME	PLACE	STATUS	OTHER
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Events to be held in 1996

Conference	High Performance Networks VI	WG 6.4	Early 96	?	Under Study	
Conference	COMNET '96	TC-6	May / June 96	Budapest, Hungary	Under Study	IFIP 849
Working Conference	Upper Layer Architectures and Applications	WG 6.5	May 96	Hawaii, USA	Under Study	
Meeting	TC-6 Meeting 96/1	TC-6	1996	----	Under Study	
Working Conference	Protocol Specification, Testing and Verif. XVI	WG 6.1	1996	USA	Under Study	
Conference	INDC - 96	TC-6 / ICCC + ...	Spring 1996	Lithuania	Under Study	
Working Conference	Broadband Communication 96	TC-6 Task Force Broadb. Systems	?	?	Under Study	
Meeting	TC-6 Meeting 96/2	TC-6	1996	----	Under Study	
Working Conference	Protocols for High Speed Networks 96	WG 6.1	?	Colorado Springs, USA	Under Study	
Conference	FORTE '96	WG 6.1	?	Europe	Under Study	
Workshop	9th Intern.WS on Protocol Test Systems	WG 6.1	1996	?	Under Study	
Workshop	Distr. Systems Operation and Management VII	WG 6.6	1996	?	Under Study	

ACTIVITY	TITLE	SPONSORS	TIME	PLACE	STATUS	OTHER
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Events to be held in 1997

Working Conference	Protocol Specification, Testing and Verif. XVII	WG 6.1	1997	Europe	Under Study	
Conference	5th Intern. Symp. on Netw. Management	WG 6.6	1997	?	Under Study	
Conference	High Performance Networks VII	WG 6.4	Mid 97	?	Under Study	
Conference	4thd International Conf. on Open Distr. Processing	WG 6.1	1997	Canada	Under Study	
Meeting	TC-6 Meeting 97/1	TC-6	1997	----	Under Study	
Conference	FORTE '97	WG 6.1	1997	US	Under Study	
Workshop	10th Intern.WS on Protocol Test Systems	WG 6.1	1997	?	Under Study	
Meeting	TC-6 Meeting 97/2	TC-6	1997	----	Under Study	
Workshop	Distr. Systems Operation and Management VIII	WG 6.6	1997	?	Under Study	

Events to be held in 1998

Conference	7th Conf. on Perf. of Data Comm. Systems	Task Group 'Perform.' WG 7.3	1997/1998	?	Under Study	
Working Conference	Broadband Communication 98	TC-6 Task Force Broadb. Systems	?	?	Under Study	
Conference	INDC - 98	TC-6 / ICCCC + ...			Under Study	
Meeting	TC-6 Meeting 98/1	TC-6	1998	?	Under Study	
Working Conference	Protocol Specification, Testing and Verif. XVIII	WG 6.1	1998	US	Under Study	
Conference	FORTE '98	WG 6.1	1998	Europe	Under Study	
Workshop	10th Intern.WS on Protocol Test Systems	WG 6.1	1998	?	Under Study	
Meeting	TC-6 Meeting 98/2	TC-6	1998	?	Under Study	
Working Conference	Upper Layer Architectures and Applications	WG 6.5	1998	Europe	Under Study	
Workshop	Distr. Systems Operation and Management IX	WG 6.6	1998	?	Under Study	

ACTIVITY	TITLE	SPONSORS	TIME	PLACE	STATUS	OTHER
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Events to be held in 1999

Conference	High Performance Networks VIII	WG 6.4	Early 99	?	Under Study	
Working Conference	Protocol Specification, Testing and Verif. XIX	WG 6.1	1999	?	Under Study	
Meeting	TC-6 Meeting 99/1	TC-6	1999	?	Under Study	
Conference	FORTE '99	WG 6.1	1999	US	Under Study	
Workshop	11th Intern.WS on Protocol Test Systems	WG 6.1	1999	?	Under Study	
Meeting	TC-6 Meeting 99/2	TC-6	1999	?	Under Study	
Conference	6th Intern. Symp. on Netw. Management	WG 6.6	1999	?	Under Study	
Workshop	Distr. Systems Operation and Management X	WG 6.6	1999	?	Under Study	

17.7

Editors	TC	MCA/D. ISS	MCA/C Rcd	Remarks
TITLE	WG	MS Due	MS Rcd	
VENUE	IFIP No	Est Size	Final Size	
DATE	CRC	MCA/C IFIP	Exp Publ.	
<u>TC6</u>				
<u>CLAUDE</u>	TC6	17/11/92	16/6/93	C-17
Advanced Information Processing Tech-	6.4	1/6/93*	27/7/93	*Ext to 1/7/93
niques for LAN and MAN Management	935	300-350pp	viii+328	
Versailles, France	YZ	18/5/93	E-10/93	('94 imprint)
7-9 April 1993				
<u>IVERSEN</u>	TC6\ICCC	2/11/92	6/4/93	C-18
Integrated Broadband Communication		1/6/93*	*reminder by phone 6/8 + 31/8	
Networks and Services	844	400pp		
Copenhagen, Denmark	EO	18/2/93	E-12/93	
20-23 April 1993				FUP 23/9/93
<u>MEER/MAHR/SPANIOL</u>	TC6	7/6/93		
Open Distributed Processing	6.1	1/11/93		
Berlin, Germany	944	400pp		
13-16 September 1993	IvdH/YZ		E-1/94	
<u>RAFIO</u>	TC6	10/5/93	22/7/93	
Protocol Test Systems, VI	6.1	15/10/93		
Pau, France	979	400pp	E-1/94	
28-30 September 1993		15/6/93		
<u>PERROS/VINIOTIS</u>	TC6	18/5/93	13/8/93	
Data Communication Systems +	6.4/7.3	1/1/94		
Performance-High Speed Networks	846	500pp		
Raleigh, NC, USA	YZ	22/7/93	E-3/94	
26-28 October 1993				
<u>TENNEY/AMER/UYAR</u>	TC6	18/5/93	8/9/93*	*at IFIP CA
Formal Description Techniques, VI	6.1	1/1/94		
Boston, MA, USA	976	500pp		
20-19 October 1993	EO	31/8/93	E-3/94	
<u>TOHME</u>	TC6	4/10/93		
Broadband Communications, II		15/4/94		
Paris, France	981	400-450pp		
2-4 March 1994				
<u>VEIGA</u>	TC6	4/10/93		
Info. Networks & Data Communications		3/6/94		
Funchal, Madeira Island, Portugal	649	450-500pp		
18-21 April 1994				
<u>FDIDA</u>	TC6	4/10/93		
High Performance Networking	6.4	15/8/94		
Grenoble, France	985	400-450pp		
27 June - 1 July 1994				

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PROTOCOL SPECIFICATION, TESTING AND VERIFICATION, XIII

Proceedings of the IFIP TC6/WG6.1 Thirteenth International Symposium,
Liège, Belgium; 25-28 May, 1993

(A. Danthine, G. Leduc, P. Wolper, Eds.)

1993 xii + 380, Price: Dfl. 205.00, ISBN 0-444-81648-8

IFIP Transactions, C-16

INTEGRATED NETWORK MANAGEMENT, III

Proceedings of the IFIP TC6/WG6.6 Third International Symposium, San
Francisco, CA, USA, 18-23 April 1993

(H.-G. Hegering, Y. Yemini, Eds.)

1993, 766 pages, Price: Dfl. 290.00, ISBN 0-444-89982-0

IFIP Transactions, C-12

MODELLING AND PERFORMANCE EVALUATION OF ATM TECHNOLOGY

Proceedings of the IFIP TC6 Task Group/WG6.4 International Workshop,
Martinique, French Caribbean Island, 25-27 January 1993

(H. Perros, G. Pujolle, Y. Takahashi, Eds.)

1993, 494 pages, Price: Dfl. 240.00, ISBN 0-444-81512-0

IFIP Transactions C-15

HIGH PERFORMANCE NETWORKING, IV

Proceedings of the IFIP TC6/WG6.4 Fourth International Conference, Liege,
Belgium, 14-18 December 1992

(A. Danthine, O. Spaniol, Eds.)

1993, 456 pages, Price: Dfl. 230.00, ISBN: 0-444-81481-7

IFIP Transactions, C-14

COMPUTER NETWORKS, ARCHITECTURES, AND APPLICATIONS

Proceedings of the IFIP TC6 Working Conference, NETWORKS'92, Trivandrum,
India, 28-29 October 1992

(S.V. Raghavan, G. v. Bochmann, G. Pujolle, Eds.)

1993, x + 298 pages, Dfl. 175.00, ISBN: 0-444-89925-1

IFIP Transactions, C-13

FORMAL DESCRIPTION TECHNIQUES, V

Proceedings of the IFIP TC6/WG6.1 Fifth International Conference, Perros-
Guirec, France, 13-16 October 1992

(M. Diaz, R. Groz, Eds.)

1993 xvi + 508 pages, Price: Dfl. 245.00, ISBN: 0-444-89282-6

IFIP Transactions, C-10

PROTOCOL TEST SYSTEMS, V

Proceedings of the IFIP TC6/WG6.1 Fifth Working Conference, Montreal, Quebec,
Canada, 28-30 September 1992

(G. v. Bochmann, R. Dssouli, A. Das, Eds.)

1993, 332 pages, Price: Dfl. 195.00, ISBN 0-444-89980-4

IFIP Transactions, C-11

PROTOCOLS FOR HIGH-SPEED NETWORKS, III

Proceedings of the IFIP WG6.1/WG6.4 Third International Workshop, Stockholm,
Sweden, 13-15 May 1992

(B. Pehrson, P. Gunningberg, S. Pink, Eds.)

1993 xii + 268 pages, Price: Dfl. 165.00, ISBN 0-444-89925-1

IFIP Transactions, C-9

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IFIP PUBLICATIONS PRESENTLY AVAILABLE FROM ELSEVIER/NORTH-HOLLAND
4 OCTOBER 1993

TC6 COMMUNICATION SYSTEMS

PROTOCOL SPECIFICATION, TESTING AND VERIFICATION, XIII

Proceedings of the IFIP TC6/WG6.1 Thirteenth International Symposium,
Liège, Belgium; 25-28 May, 1993

(A. Danthine, G. Leduc, P. Wolper, Eds.)

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1993, 332 pages, Price: Dfl. 195.00, ISBN 0-444-89980-4

IFIP Transactions, C-11

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PROTOCOL SPECIFICATION, TESTING AND VERIFICATION, XII

Proceedings of the IFIP TC6/WG6.1 12th International Symposium, Lake Buena Vista, FL USA, 22-25 June 1992

(R.J. Linn, Jr., M.Ü. Uyar, Eds.)

1992 xii + 416 pages, Price: Dfl. 200.00, ISBN 0-444-89874-3

IFIP Transactions, C-8

UPPER LAYER PROTOCOLS, ARCHITECTURES, AND APPLICATIONS

Proceedings of the IFIP TC6/WG6.5 International Conference, Vancouver, BC, Canada, 27-29 May 1992

(G. Neufeld, B. Plattner, Eds.)

1992 xiv + 480 pages, Price Dfl. 220.00, ISBN 0-444-89766-6

IFIP Transactions, C-7

PROTOCOLS FOR HIGH-SPEED NETWORKS, III

Proceedings of the IFIP WG6.1/WG6.4 Third International Workshop, Stockholm, Sweden, 13-15 May 1992

(B. Pehrson, P. Gunningberg, S. Pink, Eds.)

1993 xii + 268 pages, Price: Dfl. 165.00, ISBN 0-444-89925-1

IFIP Transactions, C-9

INFORMATION NETWORK AND DATA COMMUNICATION, IV

Proceedings of the IFIP TC6 International Conference, Espoo, Finland, 16-19 March 1992

(M. Tienari and D. Khakhar, Eds.)

1992 xii + 482 pages, Price: Dfl. 220.00, ISBN 0-444-89751-8

IFIP Transactions, C-6

BROADBAND COMMUNICATIONS

Proceedings of the IFIP TC6 Workshop, Estoril, Portugal, 20-22 January 1992

(A. Casaca, Ed.)

1992 xii + 410 pages, Price: Dfl. 200.00, ISBN 0-444-89464-0

IFIP Transactions, C-4

FORMAL DESCRIPTION TECHNIQUES, IV

Proceedings of the IFIP TC6/WG6.1 Fourth International Conference, FORTE '91, Sydney, Australia, 19-22 November 1991

(K.R. Parker, G.A. Rose, Eds.)

1992 xvi + 574 pages, Price: Dfl. 250.00, ISBN 0-444-89402-0

IFIP Transactions, C-2

PROTOCOL TEST SYSTEMS, IV

Proceedings of the IFIP TC6 Fourth International Workshop, Leidschendam, The Netherlands, 15-17 October 1991

(J. Kroon, R.J. Heijink, E. Brinksma, Eds.)

1992 xii + 310 pages, Price: Dfl. 170.00, ISBN 0-444-89517-5

IFIP Transactions, C-3

OPEN DISTRIBUTED PROCESSING

Proceedings of the IFIP TC6/WG6.4 International Workshop, Berlin, Germany, 8-11 October 1991

(J. De Meer, V. Heymer, R. Roth, Eds.)

1992 xvi + 450 pages, Price: Dfl. 215.00, ISBN 0-444-89329-6

IFIP Transactions, C-1

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PROTOCOL SPECIFICATION, TESTING, AND VERIFICATION, XI

Proceedings of the IFIP TC6/WG6.1 11th International Symposium, Stockholm, Sweden, 18-20 June 1991

(B. Jonsson, J. Parrow, B. Pehrson, Eds.)

1991 xiii + 365, Price: Dfl. 185.00, ISBN 0-444-89210-9

LOCAL COMMUNICATION SYSTEMS: LAN and PBX, II

Proceedings of the IFIP TC6/WG6.4 2nd International Conference, Palma, Spain, 26-28 June 1991

(G. Pujolle, R. Puigjaner, Eds.)

1991 xi + 445, Price: Dfl. 215.00, ISBN 0-444-89175-7

COMPUTER COMMUNICATIONS

Proceedings of the IFIP TC6/ICCC 3rd Conference, AFRICOM/CCDC'91, Tunis, Tunisia, 21-23 May 1991

(F. Kamoun, L. Pouzin, Eds.)

1991 xiv + 468 pages, Price: Dfl. 215.00, ISBN 0-444-89158-7

INTEGRATED NETWORK MANAGEMENT, II

Proceedings of the IFIP TC6/WG6.6 2nd International Symposium, Washington, DC, USA, 1-5 April 1991

(I. Krishnan, W. Zimmer, Eds.)

1991 xx + 858 pages, Price: Dfl. 235.00, ISBN 0-444-89028-9

HIGH SPEED NETWORKING, III

Proceedings of the IFIP TC6/WG6.4 Third International Conference, Berlin, Germany, 18-22 March 1991

(O. Spaniol, A. Danthine, Eds.)

1991 x + 328 pages, Price: Dfl. 175.00, ISBN 0-444-89197-8

PROTOCOLS FOR HIGH-SPEED NETWORKS, II

Proceedings of the IFIP WG6.1/WG6.4 Second International Workshop, Palo Alto, CA, USA, 27-29 November 1990

(M.J. Johnson, Ed.)

1991 xiv + 422 pages, Price: Dfl. 210.00, ISBN 0-444-88932-9

FORMAL DESCRIPTION TECHNIQUES, III

Proceedings of the IFIP TC/WG 6.1 Third International Conference on Formal Description Techniques for Distributed Systems and Communications Protocols, FORTE '90, Madrid, Spain, 6-9 November 1990

(J. Quemada, J. Mañas, E. Vázquez, Eds.)

1991 xviii + 584 pages, Price: Dfl. 240.00, ISBN 0-444-89024-6

PROTOCOL TEST SYSTEMS, III

Proceedings of the IFIP TC6 Third International Symposium, McLean, VA, USA, 30 October - 1 November 1990

(I. Davidson, D.M. Litwack, Eds.)

1991 x + 462 pages, Price: Dfl. 215.00, ISBN 0-444-89177-3

MESSAGE HANDLING SYSTEMS AND APPLICATION LAYER COMMUNICATION PROTOCOLS

Proceedings of the IFIP WG6.5 International Symposium, Zurich, Switzerland, 3-5 October 1990

(P. Schicker, E. Stefferud, Eds.)

1991 xiv + 554 pages, Price: Dfl. 225.00, ISBN 0-444-88916-7

77.6

ISSUES IN LAN MANAGEMENT, II

Proceedings of the IFIP TC6/WG6, 4a International Symposium on the Management of Local Communications Systems, Canterbury, UK, 18-19 September 1990
(I.N. Dallas, E.B. Spratt, J.-P. Cabanel, Eds.)
1991 viii + 278 pages, Price: Dfl. 155.00, ISBN 0-444-88918-3

DATA COMMUNICATION SYSTEMS AND THEIR PERFORMANCE

Proceedings of the IFIP TC6 Fourth International Conference, Barcelona, Spain, 20-22 June 1990
(G. Pujolle, R. Puigjaner, Eds.)
1991 xiv + 500 pages, Price: Dfl. 230.00, ISBN 0-444-88756-3

PROTOCOL SPECIFICATION, TESTING, AND VERIFICATION, X

Proceedings of the IFIP WG6.1 Tenth International Symposium, Ottawa, Ontario, Canada, 12-15 June 1990
(L. Logrippo, R.L. Probert, H. Ural, Eds.)
1990 xii + 416 pages, Price: Dfl. 200.00, ISBN 0-444-88810-1

COMPUTER NETWORKING

Proceedings of the IFIP TC6 Conference - COMNET '90, Budapest, Hungary, 8-10 May 1990
(L. Csaba, T. Szentiványi, K. Tarnay, Eds.)
1990 xii + 508 pages, Price: Dfl. 220.00, ISBN 0-444-88872-1

INFORMATION NETWORK AND DATA COMMUNICATION, III

Proceedings of the IFIP TC6 Third International Conference, Lillehammer, Norway, 26-29 March 1990
(D. Khakhar, F. Eliassen, Eds.)
1990 xii + 412 pages, Price: Dfl. 190.00, ISBN 0-444-88696-6

LOCAL AREA NETWORKS

Proceedings of the IFIP TC6 International Conference - INDOLAN '90, Madras, India, 30-31 January 1990
(S.V. Raghavan, Ed.)
1990 xx + 316 pages, Price: Dfl. 165.00, ISBN 0-444-88761-X

FORMAL DESCRIPTION TECHNIQUES, II

Proceedings of the IFIP TC6 Second International Conference on Formal Description Techniques for Distributed Systems and Communication Protocols - FORTE 89, Vancouver, B.C., Canada, 5-8 December 1989
(S.T. Vuong, Ed.)
1990 xiv + 550 pages, Price: Dfl. 225.00, ISBN 0-444-88544-7

PROTOCOL TEST SYSTEMS

Proceedings of the IFIP TC6 Second International Workshop, Berlin, Germany, 3-6 October 1989
(J. de Meer, L. Mackert, W. Effelsberg, Eds.)
1990 x + 372 pages, Price: Dfl. 185.00, ISBN 0-444-88563-3

PROTOCOL SPECIFICATION, TESTING, AND VERIFICATION, IX

Proceedings of the IFIP WG6.1 Ninth International Symposium, Enschede, The Netherlands, 6-9 June 1989
(E. Brinksma, G. Scollo, C.A. Vissers, Eds.)
1990 xvi + 402 pages, Price: Dfl. 200.00, ISBN 0-444-88343-6

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INTEGRATED NETWORK MANAGEMENT, I

Proceedings of the IFIP TC6/WG6.6 Symposium, Boston, MA, USA, 16-17 May 1989
(B. Meandzija, J. Westcott, Eds.)
1989 xviii + 666 pages, Price: Dfl. 195.00, ISBN 0-444-87398-8

PROTOCOLS FOR HIGH-SPEED NETWORKS

Selected and Revised Papers from the IFIP WG6.1/WG6.4 International Workshop,
Zurich, Switzerland, 9-11 May 1989
(H. Rudin, R. Williamson, Eds.)
1989 xii + 324 pages, Price: Dfl. 165.00, ISBN 0-444-88536-6

ISDN: INNOVATIVE SERVICES OR INNOVATIVE TECHNOLOGY?

Proceedings of the IFIP TC6/ICCC Joint Conference on ISDN in Europe, The
Hague, The Netherlands, 25-27 April 1989
(J. Arnbak, Ed.)
1989 xx + 472 pages, Price: Dfl. 235.00, ISBN 0-444-87388-0

MESSAGE HANDLING SYSTEMS AND DISTRIBUTED APPLICATIONS

Proceedings of the IFIP TC6/WG6.5 Working Conference, Costa Mesa, CA, USA,
10-12 October 1988
(E. Stefferud, O.J. Jacobsen, P. Schicker, Eds.)
1989 xvi + 568 pages, Price: Dfl. 220.00, ISBN 0-444-87328-7

PROTOCOL SPECIFICATION, TESTING, AND VERIFICATION, VIII

Proceedings of the IFIP WG6.1 Eighth International Conference, Atlantic City,
NJ, USA, 7-10 June 1988
(S. Aggarwal, K. Sabnani, Eds.)
1988 xii + 422 pages, Price: Dfl. 205.00, ISBN 0-444-70542-2

NETWORK INFORMATION PROCESSING SYSTEMS

Proceedings of the IFIP TC6/TC8 Open Symposium, Sofia, Bulgaria, 9-13 May 1988
(K. Boyanov, R. Angelinov, Eds.)
1989 xiv + 350 pages, Price: Dfl. 170.00, ISBN 0-444-87330-9

HIGH SPEED LOCAL AREA NETWORKS, II

Proceedings of the IFIP TC6/WG6.4 Second International Workshop, Liège,
Belgium, 14-15 April 1988
(A. Danthine, O. Spaniol, Eds.)
1990 viii + 272 pages, Price: Dfl. 145.00, ISBN 0-444-88506-4

DATA COMMUNICATION SYSTEMS AND THEIR PERFORMANCE

Proceedings of the Third IFIP TC6/WG7.3 International Conference, Rio de
Janeiro, Brazil, 22-25 June 1987
(L.F.M. de Moraes, E. de Souza e Silva, L.F.G. Soares, Eds.)
1988 xvi + 530 pages, Price: Dfl. 230.00, ISBN 0-444-70363-2

PROTOCOL SPECIFICATION, TESTING, AND VERIFICATION, VII

Proceedings of the IFIP WG6.1 Seventh International Symposium, Zurich,
Switzerland, 5-8 May 1987
(H. Rudin, C.H. West, Eds.)
1987 xvi + 456 pages, Price: Dfl. 215.00, ISBN 0-444-70293-8

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PROTOCOL SPECIFICATION, TESTING, AND VERIFICATION, VI
Proceedings of the IFIP WG6.1 Sixth International Workshop, Montreal, Quebec,
Canada, 10-13 June 1986
(B. Sarikaya, G.V. Bochmann, Eds.)
1987 xii + 428 pages, Price: Dfl. 210.00, ISBN 0-444-70126-5



IFIP

77.9

INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING

Date: 10 July 1993

Address reply to: Jacques C. FOURROT
59 Rue Cambronne
75015 PARIS

To: Technical Committee Chairmen

OUTSTANDING SERVICE AWARD (OSA)

The Outstanding Service Award was created in 1987 by the IFIP General Assembly. Nominations for this distinction are primarily the responsibility of the Technical Committee Chairmen. You will find attached to the present memo the Objectives and Rules and the selection criteria to be used.

As Chairman of the Internal Awards Committee, I am asking you to nominate those members of your Technical Committee or Working Groups whom you deem eligible to receive the OSA.

Therefore please send me at your earliest convenience or bring with you at the Tokyo General Assembly a brief memo on each nominee, pointing out in particular his/her achievements with respect to the selection criteria.

In the eventuality that the total number of candidates exceeds twenty, IAC will rank them by order of priority, based on the information supplied by yourselves. I will then establish the final proposed list.

The list will be reviewed with you just prior the General Assembly Meeting in Tokyo for eventual final adjustments, and it will then be submitted to the General Assembly for approval.

The OSA certificates will be signed by the IFIP President and by yourselves and subsequently presented to the recipients in the way you will deem to be the most appropriate.

cc: G. Roberts
P.A. Bobillier

OUTSTANDING SERVICE AWARDOBJECTIVES AND RULES

- 1./ Recognition for services rendered to IFIP by Technical Committee and Working Group Members is the IFIP "Outstanding Service Award" .
- 2./ It shall be granted by the General Assembly , on recommendation of TC Chairmen , after approval by the Internal Awards Committee .
- 3./ Eligible for nomination are TC and WG Members not normally eligible for the Silver Core Award . The TC Chairmen shall submit their nominations in accordance with the selection criteria listed below . These criteria are not binding and are given primarily as general guidelines . The Internal Awards Committee , working in agreement with the TC Chairmen , will ensure that the nominations list does not exceed twenty names per year .
- 4./ Selection Criteria
 - * Active role played at TC or WG level , for instance :
 - initiatives taken and work done to enhance the image and the effectiveness of the TC or WG .
 - proposals made and actions taken to expand activities to new innovative domains .
 - * Leading role played in the organization of technical events (conferences , seminars , etc...) for instance as OC or PC Chairman , or as member of the local support organization .
 - * Actions undertaken for the benefit of Developing Countries (DC's). For instance organization of IFIP events in DC's ; help given to DC delegates to attend events , training courses , etc... ; transfer of products know-how , documentation , etc... to DC's .
 - * Cooperation with other learned Societies , sister Federations or international organizations, to enhance the activities of IFIP .
 - * Duration of service within the TC or WG and active participation to IFIP meetings and activities .
- 5./ Each recipient of the Outstanding Service Award will receive a certificate .



78.1

ANNUAL REPORT 1992-93

Officers and Membership

Dr. Ronald P. Uhlig became President of ICCC 1 Jan. 1993, succeeding Immediate Past President Dr. Prem P. Gupta. The full slate of new officers is:

President	Ronald P. Uhlig, USA
Executive Vice President	Pramode Verma, USA
Executive Secretary	Dorothy Phillips, Canada
Treasurer	John McKendree, USA
Secretary General	S. Ramani, India
Deputy Secretary General	Einar Fredriksson, The Netherlands
Vice President	Sal Barbera, Italy
Vice President	Jose Granado, Portugal
Vice President	Trevor Houseley, Australia
Vice President	Dipak Khakhar, Sweden
Vice President	Sang H. Kyong, Korea
Vice President	Michael Miller, UK

Eleven new governors were elected to the ICCC Board of Governors, and 6 Governors were re-elected. New governors elected include:

Paul W. Bayliss, USA
Augusto Casaca, Portugal
Steven S. Cheng, Taiwan
Laszlo Csaba, Hungary
Juzar Motiwalla, Singapore
Fergus O'Brien, Australia
G. Russell Pipe, Netherlands
Dilip Singh, USA
Otto Spaniol, Germany
Wilhelm Staudinger, Germany
Brijendra K. Syngal, India

ICCC currently has 102 Governors and 5 Governors Emeritus. The Governors are distributed as follows: Europe 38, North America 25, South America 2, Africa 4, Australia 10, Asia 23. ICCC currently has a statutory maximum of 125 Governors.

Objectives

ICCC has adopted revised objectives. The new objectives were presented in depth to the Technical Assembly. They place more emphasis on applications of computer communication and policy issues concerning computer communication, and less emphasis on technology aspects. The attachment explains the new objectives of ICCC.

Organization

In keeping with the revised objectives of ICCC, a series of new committees has been established as follows:

Committee	Chairperson
Applications/Technology Issues	Roberto Parodi
Technology/Policy Issues	To be announced
Applications/Policy Issues	Mohan Kaul
Distance Learning	Reg Kaenel
Computer Communications Security	Michael Kirby
Advising Governments and International Bodies	Prem P. Gupta
Conferences/Activity Focus	Paul Bayliss
Networking of Governors	Michael Miller
Membership	Einar Fredriksson

18.2

ICCC is particularly pleased to announce that Hon. Justice Michael Kirby, President, Supreme Court of New South Wales, Australia has accepted appointment as Chairman of the ICCC Security Committee. Justice Kirby is also chairman of the OECD Committee on Security, and brings a wealth of background to the ICCC Security Committee. Every ICCC Governor is being asked to participate in at least one committee.

The existing committees for Asia, Emergency Relief, and Computer Communications for Developing Countries will continue, as follows:

Asian Committee	To be announced
Emergency Relief	Martin Silverstein
Developing Countries	Farouk Kamoun

ICCC Governor Sang Kyong has been appointed Vice Minister of Communications for the Republic of Korea. With his expanded responsibility he was unable to continue as Chairman of the ICCC Asian Committee. ICCC wishes him every success. We are now searching for a replacement to chair the ICCC Asian Committee.

Past Activities

Eleventh International Conference on Computer Communication - ICCC '92

ICCC '92 was held in Genoa, Italy, 28 September-2 October 1992. The conference was hosted by STET - Italian Telecommunications Holding Company and SIP - Italian Telecommunications Operating Company, under the patronage of the Italian Ministry of Posts and Telecommunications. The Theme of the conference was, *"Towards a New World in Computer Communication."*

78.3

Despite superb arrangements, and an excellent program, registration of 291 participants was much lower than expected. The participants came from 29 countries - a good number of countries. However, except for the host country, the number of participants from any one country was low. At least one contributing factor was low on-site registrations, due to very severe weather. The evening before the conference brought the worst storm to strike Genoa in 30 years. Tragically, lives were lost among the local population, due to the severe flooding. We are grateful that everyone associated with ICCC was safe. Some of the speakers went to heroic efforts to reach the conference, particularly on the first day.

The quality of the conference was very high. 107 papers were presented in three separate tracks concerned with Services and Applications, Networks and Systems, and Performance and Methodology. A full conference proceedings is available through ISO Publishers.

There were eight technical visits to companies interested in showing their laboratories, projects and products. Participants were transported by bus to locations in Genoa, Florence, Nice, Milan, Ivrea and Torino.

Multimedia Communications '93, April 1993

Multimedia Communications '93 was held in Banff, Alberta, Canada, 13-16 April 1993. The conference was well attended, and generated a high level of enthusiasm among the participants. The target registration of 180 people was exceeded. 282 delegates attended the conference and 182 people participated in the tutorials. There were 24 tables of demonstrations. Delegates came from 19 countries and the 75 speakers came from 15 countries.

Host organizations included the Department of Communications, Government of Canada; Unitel Communications Inc.; Hewlett-Packard (Canada) Ltd.; and Edmonton Telephones (ED TEL).

The conference was organized around three tracks: 1) Markets, Applications and Services, 2) Multimedia Communications Technologies, and 3) Policy and Regulatory issues.

Proceedings are being prepared, and will be published by IOS. The proceedings will also be published on CD-ROM.

International Conference on Integrated Broadband Communication Networks & Services, April 1993

ICCC jointly sponsored this conference, in Copenhagen, Denmark, 19-23 April 1993, with IFIP TC-6. During the 13 April 1993 ICCC Executive Committee meeting in Banff, it was reported that TC-6 had expressed serious concern over lack of ICCC support for this joint TC-6/ICCC Conference. The ICCC Executive Committee discussed this and agreed that ICCC did, indeed, "drop the ball." We were able to identify a number of factors which contributed to this. However, these factors

should have been under the control of ICCC, so, rather than recounting them, ICCC would simply like to extend its apologies to IFIP TC-6.

78.8

Future Activities

Computer Communications for Developing Countries - CCDC 94

The date for this conference has slipped from 1993 to 1994. Potential sites for the conference are under investigation. For more information, contact Dr. Farouk Kamoun, Chairman ICCC Developing Countries Committee. Dr. Kamoun is the IFIP GA member for Tunisia, and his address is:

Dr. Farouk Kamoun
Centre National de l'Informatique
17, Rue Belhassen Ben Chaabahne
1005 El Omrane
Tunis
Tunisia
Fax: +216 1 781 862
Tlx: 18 904 CENINF
BITNET address: inrialimagltuniscnllKamoun
EMS: INTERNET/MCIID: 376-5414
MBX: kamoun@uunet.uu.net

Wireless Computer Networks, The Hague, Netherlands, Sep 19-23, 1994

ICCC is sponsoring the Wireless Computer Networks Conference in conjunction with the 1994 IEEE International Symposium on PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS (PIMRC'94) in The Hague, The Netherlands, September 19-23, 1994.

These two international meetings will examine the technical challenges, service opportunities and business alternatives offered by the rapid introduction of specialized digital radio networks for use on a local, national or international scale.

The two meetings will be hosted by PTT Telecom Netherlands in The Hague's International Congress Centre. The ICCC jointly with IFIP/TC-6 held its much attended regional meeting "ISDN in Europe - Innovative Services or Innovative Technology?" at the same venue in The Netherlands in 1989. Five years later, the ICCC will apply this formula again to examine the impact of the new wireless networks on all aspects of communication in Europe.

The co-location of the two meetings in The Hague in 1994 will thus provide a unique venue for discussion of the major strategic trends in tetherless voice and data communications. At a time when both the pan-European digital cellular telephone system GSM and new public and private wireless data networks will have reached much higher penetrations, a forum of users, operators, providers, researchers and policy makers can take stock of the various developments and together identify the directions for future action.

The two meetings will be arranged in direct sequence and are planned to include coverage of the following broad subjects:

18.5

- Business needs for wireless networks (ICCC)
- Computer applications appropriate to wireless technology (IEEE/ICCC)
- Network interconnectivity aspects (IEEE/ICCC)
- Charging trends for public mobile services (ICCC)
- Frequency planning and spectrum efficiency (IEEE)
- Standardization, type approval and international portability of customer equipment (IEEE/ICCC)
- Systems integration of mobile computer applications (ICCC)
- Integration or separation of mobile voice and data? (IEEE/ICCC)
- Wireless LAN and PBX technologies (IEEE)
- Cellular design principles (IEEE)
- Dynamic channel allocation and transmit-power control (IEEE)
- Mobile multimedia services (ICCC/IEEE)
- Role of satellites (IEEE/ICCC)
- Role of radio networks in Central and Eastern Europe (ICCC)
- Regulation: European and national policies (ICCC)
- Integration with (broadband) ISDN (IEEE/ICCC)
- Evolution towards Universal Personal telecommunications (IEEE/ICCC)
- Integration with radio location and navigation systems (IEEE)
- Social and economic implications of wireless technologies (ICCC)
- Security and trans-border data flow aspects (ICCC)
- Convergence with broadcasting: RDS, teletext, etc. (IEEE/ICCC)
- Wireless distributed computing (IEEE/ICCC)

ICCC Governor Professor Jens Arnbak is the ICCC Conference Governor, and inquiries should be directed to him at:

Professor Dr. Jens C. Arnbak
Delft University of Technology
Department of Electrical Engineering
Telecommunications and Traffic-Control Systems Group
PO Box 5031
2600 GA Delft
The Netherlands
Fax: +31 15 78 1774
E-mail: r.a.beukers@et.tudelft.nl

Intelligent Networks & Data Communication (INDC-94) Conference, Lisbon, Portugal, May 1994

ICCC is please to co-sponsor the next INDC conference with IFIP TC-6, to be held in Portugal in May 1994. The ICCC Conference Governor is the new representative of Portugal to the IFIP General Assembly, and is also an ICCC Vice President:

Mr. Jose Granado
E.S.D.I.
Av. Alvares Cabral, 41-7e
1200 Lisboa
Portugal
Fax: + 351 387 2173
E-mail: granado@inesc.pl

186

Thirteenth International Conference on Computer Communication - ICCC '95

ICCC '95 will be held in Republic of Korea, 22 August - 1 September 1995.
Active planning is now underway.

Fourteenth International Conference on Computer Communication - ICCC '97

ICCC is pleased to announce that it has accepted an invitation from U. S. Sprint to host ICCC '97 in Kansas City, USA, September 14-19, 1997. Planning is in the very early stages at this time.

Ronald P Uhlig
President, ICCC

INTERNATIONAL COUNCIL FOR COMPUTER COMMUNICATION
P. O. BOX 9745, WASHINGTON, D.C. 20016 U. S. A.
1019 19TH STREET NW, PENTHOUSE ONE, WASHINGTON DC 20036, U. S. A.



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Software Technology
India

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Communications
Research Centre
Canada

Mr Trevor Housley
Housley Computer
Communications
Pty Ltd,
Australia

SEND REPLY TO:
Dr S Ramani
NCST,
Guilmehar Cross Road No. 9,
Juhu, Bombay 400 049
India

18.7

This is the text of a letter sent by Dr Ronald Uhlig to all ICCC Governors on the October 20, 1992.

S Ramani
September 21, 1993

Future Role and Objective of ICCC

Dear ICCC Governor,

My letter of August 21 described the approach taken to Strategic Directions during the Board of Governors meeting held September 27, 1992 in Genoa, Italy, just prior to ICCC '92. Almost one third of all Governors made it to the meeting, despite the fact that this meeting took place during the worst storm to strike Genoa in 30 years. Although lives were lost among the local population due to the severe flooding, we are grateful that everyone associated with ICCC was safe.

As the discussion of Strategic Directions unfolded, it became clear that a reassessment of the basic objective of ICCC was needed, before the evaluation of strategic directions could proceed. When ICCC was founded, computer communication was somewhat novel, and relatively few people and organizations were focusing on it. This is no longer the case. Computer Communication is widely accepted and many conferences and organizations deal with it today.

This led to discussion of the future role and objective of ICCC. The discussion began during the Board of Governors meeting on September 27, and continued through several other meetings of the old and new Executive Committees with Governors throughout the week.

The results are captured in the attached chart, describing the proposed future role and objective of ICCC. The purpose of this letter is to ask you to review the proposed future ICCC role and objective, and to solicit your comments.

During the Board of Governors meeting, it was agreed that discussion should focus on two points: 1) what is the need for ICCC? and 2) what are the "selling points" of ICCC?

The Need for

ICCC-Proposed Future Role and Objective

18.8

When ICCC was formed, the technology and its capabilities were not well understood. The early conferences focused on explaining the technology and its enormous potential for application. It was always the intent of the ICCC founders to focus on applications, and not only the technology. For this reason the ranks of ICCC governors include such people as distinguished physicians and lawyers.

Referring to the attached chart, ICCC continues to be interested in three groups of people 1) those concerned with Technology, 2) those concerned with Applications, and 3) those concerned with Policy. ICCC has done a good job through the years of explaining and promoting the technology to those concerned with applications and policy. ICCC has not always done as well in listening to the problems of those concerned with application and with policy.

While explaining and promoting computer communication technology is done by many groups today, there is a continuing need for dialog among the three groups of people, and this is a valid role for ICCC in the future.

Therefore, the Objective of ICCC is to

Identify and Address:

- 1) Potential Application of Computer Communication Technology
- 2) Potential Issues Between the Technology and Policy Makers
- 3) Potential Policy Issues with Application of the Technology

This involves a two way flow of information among those concerned with:

Technology
Applications
Policy

as shown in the boxes on the attached chart.

Achievement of this objective will affect the way our flagship conferences are structured, and will impact the kind of special conferences and meetings ICCC will sponsor in the future. We will also need to seek out qualified persons to further broaden our ranks so that appropriate skills are included among our governors.

ICCC "Selling Points"

Based on the proposed future objective, ICCC's "selling points" were examined. ICCC is its Governors. The ICCC Governors include distinguished and influential people from many parts of the world. We are already a highly multidisciplinary organization and are likely to become even more so. ICCC has a reputation for quality, and this was underscored again in the quality of papers and presentations at ICCC '92. We have a good record, over all of the twenty years since ICCC was founded in 1977.

We are not affiliated with any country, nor are we affiliated with any company. This is the meaning of the term "non-political" on the chart. We are not a lobby group for any special interest, but, we do have a role to play in sponsoring focused meetings to present opposing points of view on issues in Computer Communication.

While a certain number of years are required to establish the leadership record which is a hallmark of an ICCC governor, we need to pay some attention to our age distribution, and seek out some younger governors.

Strategic Directions

Agreement on the future role and objective, with possible modifications, will allow establishment of a continuing process for shaping the strategic directions of ICCC through a set of working groups as described in the August 21 letter. One of these working groups, dealing with Networking of Governors, got underway during ICCC '92 under the leadership of Governors Farouk Kamoun and Michael Miller. The other working groups will be established during the next several months.

It is requested that every Governor work with at least one group. In addition to providing your comments on the proposed future role and objectives, please indicate which of the groups you would like to join. If you are willing to lead one of the groups, or are interested in forming another group, please indicate this in your response.

Future Events

A major obstacle to new events is the work involved in organizing them. As a result of our experience with the ICCC Intelligent Networks Conference held in May of this year, ICCC has developed a relationship with a reliable, reputable firm which does nothing but organize conferences and meetings, throughout the world. This organization is willing to put together budgets for proposed events, and do all the organizational work. If you are interested in organizing an ICCC conference or meeting, but have held back because of the resources required for organizing, please contact me or another member of the Executive Committee, and we will have this firm get in touch with you. Please let us know if you are willing to explore the possibility of an ICCC special conference or meeting.

Sincerely yours,

Ronald P. Uhlig
President Elect
October 20, 1992

18.9

Via: UK.AC.IC.DOC; 1 JUL 93 10:43:03 BST
Date: Thu, 1 Jul 1993 10:39:06 +0000
To: sig-dsm@doc.ic.ac.uk
From: mss@(Morris Sloman) doc.ic.ac.uk
Subject: SAIEE/CSSA NETWORK MANAGEMENT '93
Original-Sender: sig-dsm-request@uk.ac.ic.doc
Sender: sig-dsm-request@doc.ic.ac.uk

19.1

SECOND JOINT SAIEE/CSSA
INTERNATIONAL
SYMPOSIUM AND EXHIBITION ON

NETWORK MANAGEMENT '93

MAKING NETWORK
MANAGEMENT WORK FOR YOU

9-11 AUGUST 1993

The Eskom Conference &
Exhibition Centre
MIDRAND
(between Johannesburg & Pretoria)

SAIEE IFIP CSSA

Network Management '93 is an International Symposium organised jointly by the South African Institute of Electrical Engineers (SAIEE) and the Computer Society of South Africa (CSSA), sponsored by the International Federation for Information Processing (IFIP) and assisted by the Secretariat of the SAIEE.

Final Announcement
and
Call for Registration

Issued June 1993

← completely
unknown:
to IFIP !!!

(If you have already received a copy of this announcement
please pass it on to other interested persons)

OBJECTIVES

The objective is to provide current information on the status of network management implementations, standards, products and trends world-wide. To meet the objectives a series of tutorials by international speakers have been arranged and a selection of technical papers will be delivered in parallel with vendor presentations. In addition, an exhibition of network management related products will run concurrently with the symposium.

BACKGROUND

The increasing demand for sophisticated network management led to the successful first joint Network Management symposium being held in May 1991 which

79.2

From: Self <spaniol>
To: JROOS@dos-lan.cs.up.ac.za, spaniol@informatik.rwth-aachen.de
Subject: Re: STRANGE EVENT
Reply-to: spaniol@informatik.rwth-aachen.de
Date: 12 Jul 1993 17:07:58

Hallo Jan,

thanks for your replies. I'm just stepping out from a workshop which is organized by us during two days. Thus I can give you only a few first impressions:

1. I have been informed on the event by Andfre Danthine (who was a little cynical) and by Wolfgang Zimmer (chairman of WG 6.6 on Network Management) who was really upset about the fact that event was never mentioned to IFIP TC6.
IFIP secretariat didn't know of the event, too.
2. The interpretation that "it should be possible to use the IFIP logo for everything without even informing the respective committees" is questionable and won't be supported by everybody.
To my opinion, the logo of IFIP means that IFIP is a (maybe non-financial) sponsor and that IFIP has some influence on the event; that is to say that some IFIP delegates participate in the programme committee (in the present case I cannot find a single IFIP delegate in the committee), that the structure of the conference is discussed together with IFIP TC6 etc.
None of these conditions have been fulfilled for the mentioned event.
4. IFIP secretariat asked whether they should give an IFIP event number which would formally approve the event.
After a discussion with several IFIP people, however, I told them that they should not (!) give such a number.
The reason is that the event will be held already in a short time from now - before the next meeting of TC6 - and that it will be really impossible that IFIP will make a real contribution to the conference.
Thus in order to minimize nasty questions (also at the next meeting in Sofia, Bulgaria) we strongly recommend that the sponsorship of IFIP and the IFIP logo is not used for the planned event.

That's all for now. We may discuss the matter in more detail but I'll have to go urgently back to our workshop.

Regards
Otto

From: Self <spaniol>
To: jroos@cs.up.ac.za
Subject: STRANGE EVENT
Reply-to: spaniol@informatik.rwth-aachen.de
Date: 2 Jul 1993 8:31:17

19.3

Dear Jan,

we are very astonished and even worried about the announcement of NETWORK MANAGEMENT 93 where IFIP is mentioned as being a sponsor but IFIP doesn't have any information about the event. There was not even the smallest discussion about it at the TC6 meeting in Versailles. On the other hand, your address is given as a contact address.

Some explanation would be more than welcome.

Best regards
Otto Spaniol

Date: Fri, 2 Jul 1993 12:36:52 +0000
To: spaniol@informatik.rwth-aachen.de
From: mss@doc.ic.ac.uk (Morris Sloman)
Subject: Re: IFIP sponsorship?

79.4

>Dear Dr. Sloman,

>

>Dear Jan,

>

>we are very astonished and even worried about the announcement of
>NETWORK MANAGEMENT 93 where IFIP is mentioned as being a sponsor.
>There was not even the smallest discussion about it at the
>recent IFIP TC6 meetings. According to my knowledge IFIP has never been
>informed about the event. It has never been included in the schedule
>of IFIP AMB (Activity Management Board). We are strictly against any
>kind of bad practice to use or misuse the name of IFIP.

>

>Some explanation would be more than welcome.

>

>Sincerely yours

>Otto Spaniol

>(Chairman of IFIP TC6 - communication systems)

Otto

I have nothing to do with the organisation of this workshop - I am merely acting as a information distributor as I maintain an email distribution list.

The first I heard of the workshop was last this week.

I have forwarded your message to Jan Roos: JROOS@dos-lan.cs.up.ac.za

Regards

Morris Sloman

Dr. Morris Sloman
Imperial College of Science Technology and Medicine
Department of Computing
180 Queen's Gate
London SW7 2BZ, U.K.
Phone: +44 71 589 5111 Ext. 5041 Fax: +44 71 581 8024
Email: mss@doc.ic.ac.uk

To: spaniol@informatik.rwth-aachen.de
From: "Prof Jan Roos" <JROOS@dos-lan.cs.up.ac.za>
Organization: University of Pretoria
Date: 9 Jul 93 19:58:14 GMT+2
Subject: Re: STRANGE EVENT
Cc: jroos@dos-lan.cs.up.ac.za
Priority: normal

79.5

Hallo Otto,

I am sorry about my late reply and about the uncertainty I seemed to have caused. I have been away on leave for a week and only came back late this afternoon.

It seems to me that a misunderstanding occurred between me and Koos Koen. I have not been aware that I should mention the NM'93 symposium at the TC 6 meeting although it seems rather logical at this stage.

I have not been in touch with Koos Koen since I came back from leave but fully takes responsibility for the problems caused. I will report back after discussions with Koos. I assumed the TC6 relationship was part of his role and that it was in order. In the meantime please let us know if you require any special action from our side.

Please accept my apologies.

Regards, Jan

To: spaniol@informatik.rwth-aachen.de
From: "Prof Jan Roos" <JROOS@dos-lan.cs.up.ac.za>
Organization: University of Pretoria
Date: 12 Jul 93 14:55:02 GMT+2
Subject: Re: STRANGE EVENT
Cc: jroos@dos-lan.cs.up.ac.za
Priority: normal

19,6

Hallo Otto,

I have just spoken to Koos Koen. He said that the SA Computer Society (SACS) has always been mentioning IFIP in their Conference/Symposium announcements because the SACS is a member of IFIP. This was not intending to mean that IFIP was involved in the organization or financial sponsorship of the event. His understanding was that one could use the IFIP logo, etc also for locally organized symposiums/conferences. However, he feels that we may have used the wrong wording because it was not our intention to create the uncertainty and concern that we have done.

Possibly this was never picked up before because the announcements was not emailed far and wide.

We apologize for the misunderstanding and Koos would like to clear this up in Sophia. Please let us know if there is anything that needs to be done before the Sophia meeting.

Regards, Jan

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The Netherlands
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(ICCC/IEEE)
Delft University of Technology
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The Hague
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The Netherlands

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IOS, Amsterdam
The Netherlands

Member: Prof. R. Prasad
Chairman, IEEE
Joint Chapter Benelux
Delft University of Technology
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Local co-ordinator: N. Kay
Delft University of Technology
The Netherlands

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Prof. O. Spaniol (IFIP Hanson)
RWTH Aachen, Germany

Prof. A.H. Aghvami
(PIMRC founder)
King's College London, UK

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P.M. Grant,	UK
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E. Hasbani,	USA
E. Hettler,	USA
Y. Ishii,	Japan
Kato,	Japan
L. Lazabou,	France
T.P. Kelly,	UK
Kelly,	UK
Thakker,	India
Johnson,	USA
D. Kucur,	Turkey
E. Kuhl,	Germany



ptt telecom



Two conferences in one!

Announcement and Call for Papers

Fifth IEEE International Symposium on **PERSONAL, INDOOR AND MOBILE RADIO COMMUNICATIONS (PIMRC'94)**

jointly with the ICCC Regional Meeting on **WIRELESS COMPUTER NETWORKS (WCN)**

The Hague, The Netherlands, September 19-23, 1994

Prospective authors are cordially invited to submit papers in particular but not exclusively on the following conference topics:

- Protocols for wireless networks (IEEE)
- Modulation, coding and multiple access (IEEE)
- Frequency planning and spectrum efficiency (IEEE)
- Wireless LAN and PABX technologies (IEEE)
- Cellular design principles (IEEE)
- Dynamic channel allocation and transmit-power control (IEEE)
- VLSI applications (IEEE)
- Integration with radio location and navigation systems (IEEE)
- Radio propagation and channel modelling (IEEE)
- Mobile multimedia services (IEEE/ICCC)
- Role of satellites (IEEE/ICCC)
- Standardisation, type approval and international portability of customer equipment (IEEE/ICCC)
- Computer applications appropriate to wireless technology (IEEE/ICCC)
- Network interconnectivity aspects (IEEE/ICCC)
- Integration or separation of mobile voice and data? (IEEE/ICCC)
- Integration with (broadband) ISDN (IEEE/ICCC)
- Evolution towards Universal Personal Telecommunications (IEEE/ICCC)
- Wireless distributed computing (IEEE/ICCC)
- Convergence with broadcasting: Radio Data Systems (RDS), teletext, etc. (IEEE/ICCC)
- Business needs for wireless networks (ICCC)
- Charging trends for public mobile services (ICCC)
- Systems integration of mobile computer applications (ICCC)
- Role of radio networks in Central and Eastern Europe (ICCC)
- Regulation: European and national policies and their application of ONP (ICCC)
- Social and economic implications of wireless technologies (ICCC)
- Security and trans-border data flow aspects (ICCC)

Three hard copies of the full manuscript, not exceeding 3000 words, should be received by the PIMRC'94 or the WCN Technical Programme Committee as given below. The first page of the manuscript should include title of the paper, author's name, telephone and fax number, E-Mail return address and an abstract of about 100 words. Authors should also clearly indicate on the first page whether the paper is considered suitable for IEEE PIMRC'94, ICCC WCN, or both conferences. (Note the different profiles of the two conferences described overleaf)

Deadline for paper submission March 31, 1994.

Notification sent to authors by May 15, 1994

Deadline for camera-ready manuscripts July 1, 1994

Technical Programme Committee **IEEE PIMRC'94**

Chairman: Prof. dr. R. Prasad
Delft University of Technology
Department of Electrical Engineering
Telecommunications and Traffic-Control
Systems Group, P.O. Box 5031
2600 GA Delft, The Netherlands

Technical Programme Committee **ICCC WCN**

Chairman: Prof. dr. J.C. Arnbak
Delft University of Technology
Department of Electrical Engineering
Telecommunications and Traffic-Control
Systems Group, P.O. Box 5031
2600 GA Delft, The Netherlands

SCOPE: These two international meetings will examine the technical challenges, service opportunities and business alternatives offered by the rapid introduction of specialized digital radio networks for use on a local, national or international scale. Hosted by PTT Telecom Netherlands in The Hague's International Congress Centre, the two meetings are sponsored by the Benelux Joint Chapter on Vehicular Technology and Communications Society of the Institute of Electrical and Electronics Engineers (IEEE) and by the International Council for Computer Communication (ICCC), respectively.

LOCATION: The Hague is the internationally known government centre of the Netherlands, with the UN Peace Palace. It can be reached from Amsterdam Airport in less than one hour by either car or train. An excellent congress centre specializes in professional conferences. The spectacular opening ceremony of the Dutch Parliament, "Prinsjesdag", will take place in the week of the two conferences.

INFORMATION AND NOTIFICATION OF INTENT:

If you are considering to contribute to or attend one or both meetings in The Hague in September 1994, please complete and return the form below to the Secretariat. This will ensure that you are kept up to date about the detailed programme, and it will help the Organising Committee in its planning of an event which is intended to address the major changes facing providers and users of mobile networks and computer communications facilities throughout the world.



☐ I am interested in

☐ PIMRC '94 (IEEE)

☐ WCN (ICCC)

☐ Both

☐ I would like to submit a paper for provisionally entitled

☐ PIMRC '94 (IEEE)
☐ WCN (ICCC)
☐ Both

☐ Please send advanced programme and registration material.

Name: _____

Affiliation:

Street:

P.O.Box

Telephone:**Postal Code:**

Town:

Country:

Fax

E-mail:

-System:

P.V. Kumar	India
T. Kunkley	Switzerland
Sung-Hyoun Kyong	South Korea
Ch. M. K. Lakshman	India
Ch. Lakshmi	India
W. L. Lee	USA
Y. L. Li	China
P. V. Lishchinski	USSR
J. Lohar	India
Min-Shan Lo	Taiwan
J. P. Lomarts	France
J. L. Massey	Switzerland
H. Meyer	Germany
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G. Stetta	Norway
K. M. Sundara Murthy	Canada
T. Szentivanyi	Hungary
T. T. Thiang	Singapore
J. W. van Till	The Netherlands
B. Trybakov	Russia
J. Uddenfeldt	Sweden
R. P. Uhlig	USA
P. K. Verma	USA
A. J. Viberid	USA
D. Yavuz	TURKEY
D. Ypsilanti	GREECE
T. S. Yung	Hong Kong
Bo-Xiu Wu	PEOPLES REPUBLIC OF CHINA
Zander	Canada

MAIL OR FAX TO:

ICCC/IEEE

Conference Bureau
P.O. Box 30 000
2500 GA The Hague
The Netherlands

Telephone 3-2166
3-7033/2747

3140

Professional
Academy
requires to
Wireless
STUDY

Appendix

IFIP TC-6 MEETING, VERSAILLES, 5th & 6th APRIL 1993

MINUTES of the meeting (prepared by Peter RADFORD)

A1

ITEM	SUBJECT	RESPONSIBLE
------	---------	-------------

1	Attendance and Membership	TC-6 Chairman
---	----------------------------------	----------------------

Attendance list:

K. Boyanov	Bulgaria	A. Danthine	Belgium
C. Huitema	F, WG 6.5	V.B. Iversen	Denmark
D. Khakhar	Sweden	F.Eliassen	Norway
G. Le Moli	Italy	O. Martikainen	Finland
R. Posch	Austria	G. Pujolle	F, WG 6.4
P. Radford	United Kingdom	J. Riera	Spain
J. Roos	South Africa (for Koos Koen)	H. Rudin	Switzerland/WG 6.1
W. Sobczak	Poland	O. Spaniol	Germany, chairman
T. Szentivanyi	Hungary	Y. Takahashi	J, T F 'Performance'
S. Tohmé	France	B. Waumans	Netherlands
W. Zimmer	D, WG 6.6.		

A particular welcome was given to R. Posch and to B. Waumans who attended their first TC 6 meeting.

Special Guest:

L. Pouzin	France	(former French TC6 delegate and TC6 chairman)
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Apologies received from:

A. Alvarez	(E, Cognizant Officer)
A. Casaca	(Portugal)
T. Housley	(Australia)
K. Fabian	(Slovak Republic)
Hu Dao-Yuan	(PRC)
R. Hunt	(New Zealand)
F. Kamoun	(Tunisia)
K. Koen	(South Africa)
J. Puzman	(Czech Republic)
J. Santos	(Argentina)
R. Uhlig	(USA)

During the meeting Tibor Szentivanyi (Hungary) informed the committee that he decided to leave the committee due to personal overload. According to Tibor the new Hungarian delegate will already be present at the next meeting. TC6 was extremely saddened by Tibor's decision. Together with Louis Pouzin and Bert Boutmy (both of whom left the committee in the recent past) Tibor was one of the founding TC6 committee members. Tibor's engagement for TC6 was extremely outstanding. He succeeded in establishing the series COMNET'xx in Budapest which during many years was to be considered as an excellent 'window' for participants from the Eastern hemisphere to see what is going on in the rest of the world.

A2

New delegates:

F. Kiwan	(Syria)
M. Mwale	(Zambia)
R. Posch	(Austria)
T. Saito	(Japan)

Canada: Patricia Glenn (IFIP representative from Canada) promised to nominate a Canadian delegate.

Letters in response to missing and ghost delegates

- 2 **Final Agenda** **TC-6 Chairman**
As published.
- 3 **Approval of Trivandrum Minutes (Meeting 92/2);**
Action point list
 - 3.1 **Electronic Mail**
Provision of e-mail for Trevor Housley is still outstanding
None of the attendees were without e-mail
 - 3.2 **General Assembly contact**
done
 - 3.3 **Canadian delegate**
in -hand
 - 3.4 **WG 6.5**
Guy drafting need done
 - 3.5 **IN task group**
passed to Olli Martikainen
 - 3.6 **TC-6 review**
to be discussed
 - 3.7 **IBCN**
on agenda
 - 3.8 **IFIP'94**
See item Ron Uhlig
copies of call for papers
- 4 **Report from IFIP Council (Vienna, March 93)** **TC-6 Chairman**
MD 4.1-4.4

Reports from Council and Technical Assembly
New Cognizant Officer could not come to meeting
Academic domination (Canadian delegate requested from industry)
List of activities and publications
Comments on IFIP situation.
WG 6.5/6 on e-mail management
Everything went relatively smoothly (except publications Item 17 and performance evaluation Task Group)

5 Finance

D. Khakhar
MD 5.0-5.xx

5.1 Overview

MD 5.0 was a summary from Otto Spaniol.

MD 5.1-5.xx were from the IFIP Treasurer.

Otto Spaniol summed things up as TC-6 is OK, IFIP is not so, there is a sharply declining total income from activities and publications

Dipak Khakhar explained some of the inconsistencies in their figures:

- TC-3 has one large conference every couple of years;
- IFIP Congress was an inhibiting factor on some 1992 activity

André Danthine said that a loan has been fully reimbursed (2000 SFr to Raghavan, 10000 SFr returned from loan of 12000 SFr)

Otto Spaniol said that ES can only repay loan.

MD 5.13 contains a report on FORTE'92

Harry Rudin said the report on MD 5.12 does not reflect 100000 SFr or 10000\$ from Orlando

5.2 IFIP attendance levy

There was discussion on the IFIP attendance levy. André Danthine explained that the reason for the per capita charge was to circumvent organisers' "hiding of surpluses" so that IFIP receive no money. A number of questions were asked:

What about non-payers? Don't help them next time!

What about transient situation - have to look at details and what was agreed.

What about developing countries (and what is a developing country)? No clear answer!

André Danthine said that we would like to look at past conferences and that there was need to send a clear letter to everyone to define the conditions under which they should work.

Otto Spaniol felt that the rule was clear and that the transient period should now be over.

Concerning free and cut price attendees, André Danthine said do not do it this way.

A question was asked about joint conferences. André Danthine said keep to the strict rules, pay "fee" in full, surplus is another matter.

There was a consensus that "fee" should apply to all attendees

5.3 IFIP Membership

Brazil expelled - Liane Tarouco is now an "observer".

Greece dubious - but has no member of TC-6, anyway.

Portugal interesting (Augusto Casaca paid the 1990, 1991 dues from Estoril surplus); this cannot continue but its dues have been halved.

André Danthine said that it should be in their own interest to pay.

5.4 Surpluses and Their Use

What should be done with surplus: real events in real developing countries or in people from developing countries (eg Raghavan's trip). Otto Spaniol preferred the latter; Dipak Khakhar IFIP has funds but Otto Spaniol said they were limited. Juan Riera asked about funding for attendance at TC meetings, Dipak Khakhar and Otto Spaniol said that this was difficult. It was better to invite people to conference associated with TC-6 meeting.

André Danthine said we must look carefully at the real attendance and the foreign attendance.

We must thank FORTE people for the information they provided.

Dipak Khakhar proposed we use this as basis for future reports.

6 Working Group Activities

6.1 WG 6.1

H. Rudin

Copy of report distributed at the meeting.

Four main themes for group.

Open issues:

Possible merging of PSTV and FORTE - evenly divided opinions from survey. Harry Rudin would like to continue separate meetings but sharpen focus of each. Agreed.

André Danthine would like to keep distinctive characteristics of each: FORTE- tools, PSTV is theoretical/tutorials for newcomers.

Would like a new Workshop topic.

AX

6.2 WG 6.4

G. Pujolle

Copy of report distributed at the meeting.

Two sub-groups: "High Speed" and "LAN and WAN management".

"High Speed" OK

"LAN and WAN management" conflicts with WG 6.6 and not getting great attendance, perhaps merge with WG 6.6

Also getting involved in Performance Evaluation.

Discussion of plan for Workshop in Bradford (June 1993).

Otto Spaniol said TC-6 has no control but no obligations. André Danthine asked if participation were restricted to UK?

There were questions about BCS involvement and why they wanted the IFIP logo for a UK event ?

"Organise without IFIP this time - cannot get IFIP number in time."

Too wide a scope. Moral support only / call for papers much wider than UK.

Small (UK performance engineering workshops)

Peter Radford agree to contact them.

6.3 WG 6.5

E. Stefferud

Christian Huitema said they were providing forum for pre-standardisation work at Application layer.

Move from post-standardisation.

Conference every two years; interim via electronic mail; using IFIP Gateway etc: eg Internet to X.400. IFIP multi-media generating MIME. Also e-mail management see MD 6.5.1-20.

Proposal of report in IFIP Newsletter but not visible enough.

André Danthine asked if the switch to Internet (rather than ISO/CCITT) environment a good thing?

Christian Huitema said IETF is getting affiliated with ITU/ISO, in addition the practical aspect this is a voluntary activity, which cannot be stopped. André Danthine said this needs changes to Aims and Scope.

Last meeting ran small loss; technical conclusion need to go beyond OSI.

Next meeting 1st - 2nd June 1994; Call for Papers out soon.

Starting to think about 1996 meeting.

6.4 WG 6.6

W. Zimmer

Report included in the MD

Big event is the ISINM 18th - 23rd April 1993. Hoping for 500 delegates 800 pages for proceedings. Hope to break even.

Other events are (Distributed Systems Operations Management) workshops, DSOM'93 and DSOM'94.

Also involved in liaisons with CNOM and WG 6.5.

Requesting TC-6 Position Statements on Journal on Network and Systems Management (Plenum).

Dipak Khakhar said we need to check with IFIP Publications; Wolfgang Zimmer said that IEEE has no objections. André Danthine asked what co-operation; Wolfgang Zimmer said WG 6.6 was providing editorship and referees. Also trying to have DSOM papers (and long papers) in JNSM.

Preliminary approval subject to IFIP Publications (and price less than \$10 for IFIP members).

Phrases for non-financial sponsorship:

André Danthine there was a risk of diluting IFIP name - do it event by event

AS

7

Membership Situation in Working groups

Each Delegate
(WG chairmen in particular)
MD 1.13-1.15

Harry Rudin WG 6.1's list is reasonable

Christian Huitema said half WG 6.5's existing list is active; represents a quarter of real list

Wolfgang Zimmer WG 6.6 have several lists

André Danthine asked what is membership list criterion?

Harry Rudin process was that if secretariat finds difficulty, remove from list; adds on attendance.

André Danthine suggested we leave it to chairmen but need to have definition or remove all lists and renew

Wolfgang Zimmer asked if we could use an X.500 database

ACTION - WG Chairmen to validate; IFIP may be able to help

8

Task Groups

8.1

Broadband Communications

A. Casaca (Samir Tohmé)

Big CCITT meeting in January/February, therefore delaying meeting until 9th - 11th March.

Awaiting OK from TC-6

Met Paul Kuhn (Broadband'94 committee) - maybe too many conferences in 1994. Should there be co-operation?

What result for TC-6?

Dipak Khakhar said there was a clash with INDC'94 (AC not involved in INDC - chairman is José Granado)

GP: has postponed March meeting - no clash

ST: asked to check CCITT dates and to see if the meeting can be made as early as possible.

8.2

Intelligent Networks

R. Uhlig
MD 18.1

Otto Spaniol asked if this is a topic we ought to take an interest in?

Olli Martikainen asked how do you collect experts? Otto Spaniol from anywhere

André Danthine said one idea was to replicate equivalent of ICCC's US conference (May 1992)

Guy Pujolle said this is a hot topic in France

Otto Spaniol said Guy Pujolle and Olli Martikainen to form core - input to them.

8.3

Performance Evaluation

G. Pujolle

It was reported that there was some conflict with WG 7.3.

Yukata Takahashi said the Task Force was not in a hurry to become a WG; WG 7.3 queueing theory oriented.

Harry Rudin said Martin Reiser wants TC on performance and sees TC-6 as trying to take over WG 7.3; Otto Spaniol: TC-7 chairman does not care about WG 7.3.

Continue as is; André Danthine: try to distinguish from WG 7.3 (which is very selective) - Aims and Scope definition (with wider membership) to be prepared. Christian Huitema: use results of WG 7.3.

Every event to use the name of WG 7.3, creation of WG not intended.

Otto Spaniol congratulated Task Group on their work.

8.4

Wireless Communications

J. Puzman

Facsimile report from Josef Puzman.

Workshop planned for June/July 1994 in Prague.

Jens Arnbæk planning ICCC event in 1994 (in den Haag); Otto Spaniol and JP hoping to collaborate (but both have constraints).

Otto Spaniol: thinks important topic; half the recent Cebit had wireless/mobile exhibits

Harry Rudin: Interested in Personal Digital Assistants (PDAs); these have a wireless component but are both mobile and applications oriented.

9 IFIP TC 6 review **Each delegate
MD 9.1-9.14**

Otto Spaniol: Strategy discussion now; collect comments over next weeks and send out revised draft for comment before submitting to Tokyo General Assembly; deadline for input end June.
 Otto Spaniol: should we terminate WG 6.4a?
 Harry Rudin: why have the review? Otto Spaniol/Dipak Khakhar: to set our strategy.
 Otto Spaniol: general run-through of Review
 Dipak Khakhar: Referred to IFIP Lectureship
 Otto Spaniol: Relationship with national organisations. André Danthine: publicise; need to know WG membership rules
 Otto Spaniol: Finance: see also item 5 of these minutes.
 Debate about IETF collaboration.
 André Danthine: Cognizant Officer attendance (or lack of it) - AA could not come for lack of funds.

10 Reports on past conferences:

- 10.1 **FORTE '92, October 92, Lannion** **H. Rudin**
Nice job - made money
- 10.2 **High Performance Networking IV, December 92, Liege** **A. Danthine**
Report produced 170 people attended. Proceedings (460pp) finalised and already at North Holland
- 10.3 **Workshop on Modelling and Performance Evaluation of ATM Technology, January 1993, La Martinique** **G. Pujolle**
Some 40 participants (mainly invited). Technical success; probably a small deficit. Papers sent to reviewers, all papers accepted. Proceedings in two or three months.
- 10.4 **Telematics '93, February 1993, Capetown** **K. Koen (J Roos)**
Not an IFIP event but relevant to the 1995 event.
Telcom controlled the programme (as they have done in the past); three parallel streams.
Attendance of over 1000, cost of \$400. Everyone happy and expected to come back for the 1995 event.
Telcom contributes a lot of effort, with some help from Computer Society

11 Upcoming conferences:

- 11.1 **LAN Management, April 93, Versailles** **G. Pujolle**
Received 26 papers, accepted 15 plus some invited speakers.
Very much a specialised event.
- 11.2 **3rd International Symposium on Network Management, April 93, San Francisco** **W. Zimmer**
Programme distributed at the meeting.
- 11.3 **IBCN & Services, 20th - 23rd April 93, Copenhagen** **V. Iversen**
Received 60 papers, rejected about half and added about 15 invited papers. Participants copies being printed now. About 125 delegates registered so far.
- 11.4 **PSTV XIII, June 93, Liege** **A. Danthine**
Report submitted at the meeting. Received 60 papers, accepted 20.
Focused on theoretical aspects but two tutorials scheduled (on introduction and state-of-the-art). Expecting 100 attendees.
- 11.5 **Wireless Networks, 1994 ?, Prague (?)** **J. Puzman**
Situation unclear.
- 11.6 **ICODP'93, International Conference on ODP, September 1993, Berlin** **O. Spaniol**
Call for Papers circulated at the meeting. Criticism about cost of conference but this is recognised. Previous Conference collected a different attendance from the usual range.

- 11.7 Network Information Processing Systems, October 1993, Sofia** **K. Boyanov**
 Have received some papers, looking for some more from TC 6 members. Expecting some EC support. Hoping for more papers from former Soviet Union and Eastern Europe. (If not enough papers will not run parallel sessions.)
 Does not foresee problems. (See also TC-6 meetings - below).
 Hoping to have flexible contract with North Holland, so that decision on whether to publish depends on quality of papers. Date of programme committee meeting needs to be settled.
- 11.8 First International Conference on LAN Interconnection, October 93, Raleigh** **G. Pujolle**
 Discussion of whether there should be IFIP sponsorship.
 If everything tied up properly then could be put under the IFIP umbrella.
 Christian Huitema: worried about the generality of the topics when the title is so limited.
 André Danthine: need to assess quality of papers - will try to find out number of papers submitted and distribution of them across the topics.
 Response to request for information: 34 papers received; half from outside US. Expecting 15 papers to be accepted.
 Otto Spaniol: put under TC-6 banner, extra publication probably in 1994. André Danthine: international distribution of papers is important.
- 11.9 Data Communication Systems & Their Performance V, October 93, Raleigh** **G. Pujoll**
 Call for papers in WG 6.4 report. Reviewing in process, more than 50 papers submitted, expecting to select about a third.
- 11.10 DSOM IV** **W. Zimmer**
 Will be in Long Branch, New Jersey. To be a workshop restricted to about 50 attendees. (see WG 6.6 report).
- 11.11 Protocol Test Systems, 1993, Pau** **H. Rudin**
 Everything moving along OK. Organiser is Omar Rafiq
- 11.12 FORTE 93, Boston** **H. Rudin**
 New but energetic organiser (Richard Tenney). There was discussion about size of loan approved as the amount from IFIP was less than that signed off by Otto Spaniol. TC-6 will try to restore the value.
- 11.13 "Personal Wireless", December '93 - January '94, Zürich**
 Harry Rudin's idea. Small workshop, by invitation only. Go ahead agreed.
- 12 Conferences planned for 1994:**
- 12.1 Broadband Communication, now 9th - 11th March 1994 (was January), Paris** **A. Casaca, S. Tohmé**
 ST wants to keep dates of 9th - 11th March 1994
 André Danthine: re ITC competition, ITC in CCITT ambit; need to keep the IFIP Information Processing orientation to distinguish from ITC. Request this of AC, ST.
- 12.2 INDC '94, 18th - 21st April 94, Funchal, Portugal** **Dipak Khakhar (for A. Casaca)**
 Dipak Khakhar: 18th - 21st April followed by TC-6
 Programme Committee chairman is colleague of AC.
 Organisation is by José Granado
 Call for Papers being printed within a week or two.
 Expecting 150 participants.
 JG: Should this be a joint event with ICC? Dipak Khakhar has discussed with RU, who is positive.
 Otto Spaniol: financial implications? Dipak Khakhar: share with ICC. André Danthine: be careful, Genoa low attendance. VI: IBCN had low support from ICC. "Ghost society". Agreed.
 Harry Rudin: Dipak Khakhar: will suggest that ICC provide reviewers and raise IBCN problems (TS) add RP's name to list too.

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- 12.3 Applications Layer Communication Services, May/June 94, Barcelona** **E. Stefferud, C. Huitema**
 Christian Huitema: unhappy with title, would prefer Upper Layer Protocol Architecture and Applications Does not want to be constrained to OSI layer 7. Much of task is integration of application and its control. Also same title as before, which is a 'good thing'.
- 12.4 PSTV XIV, June 1994, Vancouver** **H. Rudin**
 Will be independent of FORTE. Precise date still uncertain. Harry Rudin and André Danthine to review the Call for Papers. See Harry Rudin Sun Vuong is organiser
- 12.5 HPN V, May/June 1994, Grenoble** **G. Pujolle, J.P. Cabanel**
 Needs to avoid collision with WG 6.5. Suggested w/e 24th June
- 12.6 IFIP '94, September 1994, Hamburg** **R. Uhlig**
MD 18.1-18.2
 Ron Uhlig's report in MD. Programmes were distributed at the meeting. André Danthine could not see a TC-6 role. Christian Huitema: could have been Track 2 but details of track are less suitable. André Danthine: Harry Rudin should note personal assistance computing. There was some debate about the details and the utility of Congress.
- 12.7 DSOM V, October 1994, Toulouse** **W. Zimmer**
 See WG 6.6 report.
- 12.8 Protocol Test Systems, October 1994, Tokyo, Japan** **H. Rudin**
 Note change of location
- 12.9 Protocols for HSN IV** **H. Rudin**
 Vancouver August 10-12. Gerald Neufeld
 André Danthine: with IEEE starting in this area (with annual event), would a more European emphasis be better?
- 12.10 SEACOMM '94, September/October 1994** **Repr. from Malaysia**
 Dipak Khakhar and Otto Spaniol met SEACOMM representative in Vienna, expecting 300-400 people. IFIP event request form submitted (asking for 15000 SFr grant - maximum is 4000 SFr!). André Danthine: give grant for developing country people to attend (as for India). Otto Spaniol: to re-contact for new submission of event request form. Dipak Khakhar: we need a better form (TC-8 example is good). Dipak Khakhar: will send copy to form. Otto Spaniol: will suggest TH's involvement. Otto Spaniol: had suggested tutorial topics. Otto Spaniol: will insist on someone coming to next TC-6 meeting. Would like to have TC-6 meeting there. Need to fix before next meeting. Will have to pay the IFIP fee.
- 12.11 3rd LAN+PABX Symposium, Kyoto, December 1994** **G. Pujolle, Y. Takahashi**
 No Call for Papers yet - couple of months. Early December. No problems foreseen. Expecting about 100 people, about 70 of these from Japan. Standard fee applies.
- 12.12 FORTE 94 (?) November 1994 Berne or Warsaw**
 Call for Papers must be ready for meeting in Boston. Otto Spaniol: need IFIP forms sorted. Harry Rudin: form needs improving. André Danthine: need to decide soon on location, has mixed feelings on location. Harry Rudin: suggest Berne with PSTV '95 in Warsaw in May 1995. Agreed
- 13 TC-6 Activities in 1995** **Each delegate**
- 13.1 AFRICOM III, March 95, Durban** **K. Koen, J. Roos**
 Brochure supplied to meeting. Hoped to have TC-6 meeting in association with conference and Africom III too. (AFRICOM is TC-6; CCDC is ICC). Note that there is a CCDC'94 proposal on the table.
 May be a problem with the 10 SFr fee on 1000 delegates. Also hoping to involve WG 7.3. Format of Telcom as before but parallel track for Africom.
 African grouping: Hope to get FK involved. Has spoken to people in Egypt, will contact Zambia, Zimbabwe. IFIP Bulletin has addresses.
 Dipak Khakhar: get Geoff Farrell to send out invitations.

- 13.2 **Networks 95, Early 95, India** **Raghavan**
- 13.3 **Comnet 95, Budapest** **T. Szentivanyi**
Proposing to postponed to 1996. There is a World Expo in 1996 which has a strong communications element and there would be synergy between the two. (Financial in one direction; support in the other). Propose May or June 1996.
Note the name COMNET is also being used in Belgium, should the Comnet name be dropped?
What about TC-6's Communications Systems? No stick to Comnet.
Dipak Khakhar asked about possible conflict with INDC (currently planned for March 1996 in Lithuania) - agreed no
- 13.4 **ISINM IV** **WG 6.6**
Not discussed
- 13.5 **DSOM VI** **WG 6.6**
Not discussed
- 13.6 **PSTV XV** **WG 6.1**
Not discussed
- 13.7 **FORTE 95 (?)** **WG 6.1**
Not discussed
- 13.8 **HPN V I** **WG 6.4**
Not discussed
- 13.9 **Perf. on DCS VI, Istanbul, late 95** **Task group PE**
In progress, did not catch names
- 14 **TC-6 Activities in 1996-98** **Each delegate**
Nothing discussed excepted as noted above
- 15 **TC-6 Meetings**
- 15.1 93/2 **Sofia**
- 15.2 94/1 **Portugal**
- 15.3 94/2 **Malaysia**
- 15.4 95/1 **South Africa**
- 15.5 95/2
Would like North America as a venue (El Alamo?) if there is suitable offer (FORTE'95 should be in Fall of 1995)
Istanbul could also be Fall 1995
- 15.6 96/1 **TBD**

16 Updated Six Year Plan (most recent version: see Enclosure)**16.1**

OK (RARE Trondheim)

16.2

TC-6 meeting - Porto Santo could be difficult.

ÖGI, Vienna not closely coupled with TC-6.

LAN/MAN postponed - date to be decided- GP to inform.

ATM May/June 1994 - GP to inform. Possibly combine the two under one heading. When ??? -

Where a French island?? If January 1994 needs to be done quickly, January 1995 is open and better

HPN V Grenoble

PSTV XIV Vancouver

FORTE still independent (Bern, November)

Protocols for HSN - OK

7th WS Tokyo not Riga - confirm

TC-6 Malaysia

SEACOM move in list

16.3

LAN/MAN January on a French island

Africom III Durban

TC-6 OK

4th ISNM in Boston

Networks 95 no information (Raghavan wanted Networks '94 but clashed with SEACOMM) - information required.

COMNET 95 postponed to May or June 1996

PTS Riga

PSTV May 1995 Warsaw up to Harry Rudin

Protocols for High Speed Networks '95 should be Europe

16.4

High Performance Network 96 - need to

Upper Layer conference May 1996 Hawaii proposal

André Danthine: look at all events that have a known periodicity Otto Spaniol: things changing André Danthine: put in place markers

INDC 1996 in Lithuania

Broadband'96 - venue to be decided

Protocols for High Speed Networks '96 Colorado Springs. André Danthine: successive meeting in the US

17 TC-6 Publicity:**17.1 IFIP Bulletin / IFIP Newsletter**

Not discussed

17.2 TC-6 News in Computer Networks

Not discussed

17.3 IFIP Publication Committee Report

Not discussed

17.4 Publications, North-Holland Statistics

The statistics were not discussed.

What was discussed (early in the meeting) was the publication situation.

At present there are "slots" for eight books in 1993 and for ten books in 1994.

The problem is that all publication slots are already taken without Martinique, and upcoming conferences. Could postpone some of these until 1994 but there are already thirteen candidates for the ten slots.

(North Holland have also cancelled contract with IFIP.)

Dipak Khakhar said we cannot postpone some publications to 1994

Wolfgang Zimmer said North Holland upping price of publications.

Harry Rudin asked whether we could go back to old plan of individual volume publication.

André Danthine was willing to try Wiley (Springer Verlag ask too much of editors).

Dipak Khakhar said we have to ask North Holland first.

André Danthine reminded people that here is a clause in the contract allowing North Holland to cancel if the material is not received within six weeks! There is also no prioritisation, do not sign contract too early.

Otto Spaniol said all editors must keep a close watch on what North Holland is doing.

André Danthine pointed out the growing complication of copyright and making copies available electronically.

Dipak Khakhar would try to get a decision from Stephanie Smit but also see what Wiley's view would be.

18 Relations to other societies:**18.1 ICC**

R. Uhlig
MD 18.1-18.3

Discussed under various other headings.

19 Any other business

André Danthine: need to have thorough review of anything that gets published under the TC-6 banner. Stress quality and hard selection criteria. (A two-day conference with good papers is better than three-day conference with bad papers)

André Danthine: need to get early advice of aims and scope of conferences etc (we are deciding too many things in the dark)

Christian Huitema: WG 6.5 decided could only manage one conference every two years (eighteen months is unmanageable).

André Danthine: worried about overlap of conferences etc, Christian Huitema: if there is no overlap of authors it should be OK.

André Danthine: this meeting has had all the WG chairmen present; Christian Huitema: depends on venue; should have one meeting a year near an international airport and timed for a WG conference.

André Danthine: WG chairmen need to report if they cannot attend.

The chairman thanked Guy Pujolle for the excellent organisation and concluded the meeting.



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IFIP EVENT REQUEST FORM

This form is used whenever approval of IFIP's involvement in an event, not yet notified by IFIP, is requested in accordance with the document IFIP EVENT APPROVAL GUIDELINES (available from the IFIP Secretariat). The form should be prepared by the Main Organiser and forwarded via the Chair of the IFIP Responsible TC/SG to the IFIP Secretariat.

Signed by Main Organiser Contact: Date
Signed by IFIP Responsible Chair: Date

1. GENERAL INFORMATION:

Notification for inclusion in IFIP ACTIVITY PLAN requires information on

In Series No. : .. Main Spons.Organisation: Event category: ..
Attendance : open/restricted Expect. size: Break-even:
Purpose : profess./educational Contributions: refereed/unrefereed

Official Name :
.....
.....

Acronym : Dates : -
City : Country:

Main Sponsor :
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Co-Sponsors :

Main Organiser:
Co-Organisers :
Host Organiser:

2. SPONSOR AND SUPPORT INFORMATION:

Sponsorship is requested from IFIP represented by as Sponsor

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presented in: .. parallel tracks	submit.to publisher
published as:	by:
Expected pages:	Exec. month of publ.:

Exp. proceeds : Guar CHF, Incm.share ... pct, Surpl.share ... pct
Budget submit.: Statement of Understanding submit.:

Req. support : Loan CHF, Grant CHF, Loss share ... pct
For budg. year:

Comment to AMB:
.....
.....

IFIP EVENT REQUEST FORM
(continued)

A13

Signed by Main Organiser Contact: Date
Signed by IFIP Responsible Chair: Date

3. ACCOUNTING INFORMATION:

Income:	Budget	Actual
Grant from IFIP	 CHF	 CHF
Support from other organisers	 CHF	 CHF
Contributions from supporters	 CHF	 CHF
Registration from participants	 CHF	 CHF
Exhibits income	 CHF	 CHF
Other (tutorials, social etc.)	 CHF	 CHF
Total income	 CHF	 CHF
Expenses:		
Preconference expenses	 CHF	 CHF
Other fixed expenses	 CHF	 CHF
Guaranteed proceeds to IFIP	 CHF	 CHF
IFIP share of reg. and exhibits income	 CHF	 CHF
Other variable expenses	 CHF	 CHF
Contingencies	 CHF	 CHF
Total expenses	 CHF	 CHF
Surplus/Loss	 CHF	 CHF
Surplus/Loss share to IFIP	 CHF	 CHF

4. ADDITIONAL INFORMATION:

General Chair :
Program Chair :
Program Comm. : total .. members of which .. are nominated by IFIP

Main Org.cont.:
Ord. mail adr.:
E-mail adr.:
Phone : Fax :

Main Editor :
Ord. mail adr.:
E-mail adr.:
Phone : Fax :

Comment to AMB:
.....
.....
.....

When the request has been processed, the IFIP Secretariat will inform
Main Organiser Contact and IFIP Responsible Chair

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IFIP Statement of Understanding A **(for Main Organizers that are non-IFIP organizations)**

The enclosed Event Request Form, signed by me, has been prepared to the best of my ability and is complete and accurate, with the latest available information. I agree to keep IFIP informed of any changes and to request additional approval if any significant modification to the information provided in the form should occur.

If this request for IFIP Sponsorship is approved, I confirm that the technical program of the event will conform to the statutory aims of IFIP, be designed for an international audience, be controlled by an international program committee of recognized professionals, and contain international contributions. I also agree that the official language of the event will be English.

If this request for IFIP Sponsorship is approved, I accept, on behalf of all non-IFIP organizers of the event, all financial and other legal liabilities for this event, apart from any support finally approved by IFIP. I understand that any requested support from IFIP is contingent upon final approval of such support. The approval will be confirmed in writing by IFIP when the IFIP budget (for the year, in which transfer of support from IFIP is requested) has been adopted.

If this request for IFIP Sponsorship is approved, I also agree to comply with IFIP policies and procedures, unless otherwise confirmed in writing and approved by the IFIP President. In particular, I agree to include the name and logo of IFIP in all announcements of the event, in parallel with the names and logos of other sponsors involved in a similar way. I also agree to submit to IFIP, within 3-6 months after the event, a final report, with a set of all publications associated with the event. At the same time, I shall remit to IFIP any loan repayment necessary and any income or surplus or guaranteed minimum amount that has been agreed upon.

I certify that I am an agent for the Main Organizer and have authority to make legal commitments for the organization.

For
(Name of the Main Organizer)

By
(print Name and Title)

Date

Signature

(15)

IFIP Statement of Understanding B
(for Co-Organizers that are non-IFIP organizations)

As Co-Organizer of the event described in the enclosed Event Request Form, signed by the Main Organizer, I certify my agreement with the information provided in the form. In particular, I confirm the involvement of my organization with IFIP as the Main Organizer of this event.

If this request for IFIP sponsorship is approved, I agree that the financial commitment of my organization as Co-Organizer of this event is

to pay % of any loss and remit to IFIP % of any surplus

no later than sixty days after the final report of the event has been received by my organization.

I certify that I am an agent for the Co-Organizer and have authority to make legal commitments for the organization.

For
(Name of the Co-Organizer)

By
(print Name and Title)

Date

Signature



IFIP EVENT APPROVAL GUIDELINES

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Summary

This document describes the IFIP policy and procedures for approving IFIP's involvement in event activities.

IFIP may be involved in international conferences and similar events by sponsoring particular events and by providing financial support to IFIP-sponsored events.

IFIP sponsorship implies that IFIP, through one or more of its subordinate bodies, such as Technical Committee (TC), Working Group (WG) or Specialist Group (SG), is responsible for the technical program of the event, either solely or with other organizations, and normally holds the copyright to technical papers from the event. But it does not imply that IFIP assumes financial or other legal liabilities for the sponsored event, unless IFIP explicitly has agreed to do so by separate agreement with other organizers.

IFIP financial support implies limited funding, normally as a loan but occasionally as a grant, for certain IFIP-sponsored events, depending upon the event category and the event organization. Apart from a loan, IFIP normally does not share any financial loss, unless IFIP has substantial financial control of the event and has explicitly agreed with other organizers to carry a specified share of such loss.

From IFIP-sponsored events with open attendance, IFIP expects some financial proceeds in return for its involvement, even when no financial support from IFIP is provided. Such proceeds are normally specified either as a share of any potential surplus, often with a guaranteed minimum amount, or as a share of all registration and exhibit income for the event.

Approval of IFIP's involvement in a particular event is given by IFIP's Activity Management Board (AMB). To issue such approval, AMB needs a request and specific information on the event. This information must be provided to AMB on an IFIP Event Request Form, prepared by the main organizer of the event and submitted to the IFIP Secretariat by the main IFIP body responsible to AMB for IFIP's involvement in the event, normally a Technical Committee.

IFIP-sponsored events are listed in the IFIP Event Calendar and published in the IFIP Newsletter. In addition to IFIP-sponsored events this Calendar also includes IFIP-related events defined as major general events sponsored by IFIP's Affiliate Members and FIACC-related Sister Organizations.

The present document explains IFIP's policy and procedures regarding the sponsorship and support approval process, including the terminology applied. It is mainly intended to facilitate completion of the IFIP Event Request Form. Other documents, available from the IFIP Secretariat, e.g. the IFIP Congress Guidelines and IFIP Working Conference Guidelines describe the organization of certain types of events.

Content

1. Event Categories
2. Event Roles for Organizations
3. General Criteria for Event Approval
4. Specific Criteria for Event Approval
5. Procedure for submitting requests
6. Procedure for processing requests
7. Implications of Event Request Approval

Activity Management Board
January, 1991

1. Event Categories

In the event approval process a distinction is made between five event categories as follows:

- 1) **Congress (CG):** special category reserved for the regular IFIP Congress XX, nth World Computer Congress, now held every two years. These events are managed by an ad-hoc Organizing Committee and an ad-hoc Programme Committee, both reporting to the IFIP President. They are characterized by general scope, professional purpose, open and very large (normally more than 1000) attendance, a mix of invited and solicited, refereed contributions presented in many parallel tracks, and with published proceedings.
- 2) **Conference (CF):** general category for events with special scope, usually organized by a TC and one or more WG's for professional purpose, an open and large (more than 100) attendance, a mix of invited and solicited, refereed contributions, often presented in several parallel tracks, and with published proceedings.
- 3) **Working Conference (WC):** general category for events within a special subject area, usually organized by a TC or a WG for professional purpose, a restricted and small (less than 100) attendance, with refereed contributions, intended for publication as preprints or proceedings.
- 4) **Workshop (WS):** general category for events within a special subject area, organized by a WG for professional purpose, a restricted and small attendance, and with unrefereed contributions, normally not intended for publication.
- 5) **Seminar (SN):** general category for events characterized by special scope, usually organized by a TC or a WG for educational purpose, a restricted and small attendance, and with invited contributions, which may be intended for publication.

In summary, the five categories are thus distinguished by four basic criteria:

<u>Scope?</u>		
general		Congress
special	.. <u>Attendance?</u>	
	open	Conference
	restricted .. <u>Purpose?</u>	
	professional .. <u>Contributions?</u>	
		refereed Working Conference
		unrefereed .. Workshop
	educational	Seminar

2. Event Roles for Organizations

In the event approval process a distinction is made between three main roles (with some sub-roles) in which organizations involved in an event may be related to the event:

- 1) *Sponsor*: role taken by an organization which has technical responsibility for the event, i.e. is responsible for the technical program, and holds the copyright to technical papers from the event. This responsibility is often carried by a single organization only, which may then be labelled *Full Sponsor*. If several organizations share this responsibility, they must agree between them, how the sharing is made, usually by specifying how the members of the program committee are appointed and assigned specific tasks; one of the sponsors must be agreed to be the leading one, at least in relation to IFIP, and is labelled *Main Sponsor*. If more than one organization nominates a significant number, the other organizations may be labelled *Joint Sponsors*. If an organization has only minor influence on the technical program, such an organization may be labelled *Co-Sponsor*.
- 2) *Organizer*: role taken by an organization which has financial and other legal responsibility for the event, i.e. is responsible for financial control and for assignment of tasks in planning and implementing the event, compatible with the technical program. If several organizations share this responsibility, they must agree between them how the sharing is made, usually by specifying a task assignment and a potential loss and surplus share for each; one of the organizers must be agreed to be the leading one, carrying the responsibility on behalf of all organizers, at least in relation to IFIP, and is labelled *Main Organizer*; the other organizers may be labelled *Co-Organizers*. (The term *Joint Organizer* may be applied for those with a significant share of responsibility, but there is not the same need for IFIP to distinguish between Joint and Co-Organizers as between Joint and Co-Sponsors).

The organization responsible for the local arrangements may be labelled *Host Organizer*; for larger events the handling of these arrangements is often subcontracted to a commercial conference enterprise, not to be confused with the organizers.

- 3) *Supporter*: the role taken by a public or private organization or enterprise when offering financial contributions to the event in response to invitations from the organizers.

Approved events should preferably be announced using similar terminology as "sponsored by ..., organized by ...", and if so desired followed by "hosted by ..., supported by ...". When more than one organization are involved in a role, the organizations should be listed by mentioning the main one first, followed by either "jointly with ..." and/or "in cooperation with ...". If an organization has more than one role, combinations or omissions may apply.

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3. General Criteria for Event Approval

IFIP involvement is not approved unless four general criteria are fulfilled:

- 1) *The technical program* of the event must conform to the statutory aims of IFIP and involve IFIP directly. This implies that the sponsors must include one or more of IFIP's own sub-ordinate bodies (TC, WG, SG etc.); if more than one IFIP body is included, one (which may be a WG) must be identified as representing the IFIP sponsorship. It also implies that the program must be designed for an international audience, controlled by an international program committee of recognized professionals, and composed of international contributions of high quality.
- 2) *The general organization* of the event must involve IFIP, either directly or indirectly. This implies that the organizers must include either one or more of IFIP's own subordinate bodies (TC, WG, SG etc.), or non-IFIP bodies such as Affiliate Member organizations or FIACC-related Sister organizations, but none of these needs to be the Main Organizer. The organizers may include other non-IFIP bodies such as IFIP Full or Corresponding Member organizations, as well as local organizations approved by IFIP Member organizations.

If an IFIP WG is involved, the related TC or SG is also considered to be involved as it is responsible within IFIP for the WG. If more than one TC (and/or SG) is involved, one of these must be identified as the IFIP Responsible Body, agreed to represent all involved IFIP bodies to AMB.
- 3) *The official language* of the event must be English. This implies that all announcements and printed material must be in this language. Translation may be provided, but the incurred expenses must not be included in the event budget.
- 4) *The financial implications* of the event for IFIP must be defined with regard to support from IFIP as well as proceeds to IFIP. Final approval of any financial support from IFIP cannot normally be confirmed until the IFIP budget for that year in which the support need to be transferred has been approved. Such transfer is normally not expected to take place more than one year prior to the event. If earlier approval is needed, reserved support may be requested.

If organizers include non-IFIP bodies, the financial implications must be agreed between IFIP and the non-IFIP organizers of the event. This must be in some form of written and signed agreement or statement of understanding.

If the Main Organizer is a non-IFIP body, this implies the acceptance on behalf of all non-IFIP organizers involved in the event of full financial and other legal liabilities for the event, apart from any financial support approved by IFIP.

If the Main Organizer is an IFIP-body, each non-IFIP Co-Organizer must agree to cover a specified financial and legal commitment, usually expressed as a loss share.

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4. Specific Criteria for Event Approval

For Congresses, only *full sponsorship* is given. It requires IFIP as Main Organizer, and only the Host Organizer will be accepted as Co-Organizer. The event organization must adhere to the IFIP Congress Guidelines. The financial implications for IFIP must be specified by the organization bidding for the Congress and will normally include: a) all financial and other legal liabilities to be born by the Host Organizer, i.e. IFIP's loss share = 0 %; b) any financial surplus to be shared between IFIP and the Host Organizer, with IFIP's share = 70 % at minimum; c) a guaranteed minimum surplus amount to IFIP. IFIP may provide a loan on conditions to be approved by GA.

For Conferences, all four forms of sponsorship may apply.

Full or main sponsorship requires an IFIP body as either Main or Co-Organizer and an organizational structure modelled over a simplified version of the IFIP Congress Guidelines. The financial implications for IFIP are expected to be similar to an IFIP Congress, except that the loan amount to be approved is normally limited to 16,000 CHF and related to the expected attendance. As an alternative to sharing a surplus, and to avoid sometimes complicated audits of accounting details AMB may agree on a share of all income from registrations and exhibit, with all loss and surplus carried by other organizers.

Joint sponsorship also requires an IFIP body as Main or Co-Organizer, with the reservation that IFIP can only be Main Organizer if it holds the copyright. The financial implications are similar to full sponsorship but adjusted to how other joint sponsors are involved. If IFIP does not hold the copyright, IFIP still expects some financial proceeds, comparable to what other sponsors and organizers may receive.

Approval of full or joint sponsorship for conferences requires submission of a summarized budget to be assessed by AMB, in particular regarding financial risk, registration fee and break-even attendance. Normally, such events should provide for a contingency of 10-15 % of budgeted expenses, and be budgeted for a surplus of 10-15 %.

Co-sponsorship requires a request from an IFIP body that wants to represent IFIP in relation to the event. It is not approved for events where the requesting IFIP body is Main Organizer, and it does not require IFIP as Co-Organizer. No financial implications are expected for IFIP.

For Working Conferences, normally only *full, main or joint sponsorship* is given. Both forms of sponsorship require an IFIP body as Main or Co-Organizer, with the same reservation as for (open) Conferences: that IFIP cannot be Main Organizer unless it holds the copyright. Financial support may in this case be either a loan or a grant, normally not to exceed 8,000 CHF, or 4,000 CHF. Since attendance is restricted, no surplus or loss is expected by IFIP, but should a surplus occur then IFIP expects to receive it in full.

For Workshops, normally only *full sponsorship*, requested by a WG, is given, usually with the requesting WG as the only organizer. Financial support is normally not available but may occasionally be approved in very modest amounts, if special circumstances justify it.

For Seminars, the Main Organizer will often be a national or regional organization, and an IFIP body is consequently involved in the organization only as Co-Organizer. *Full sponsorship* may still be given, if IFIP has full control over the technical content of the event and holds the copyright to any associated publication; otherwise, *joint or co-sponsorship* may be approved. Financial implications are not expected by IFIP, but modest support may be approved, if special circumstances justify it.

5. Procedure for submitting requests

A request for IFIP sponsorship of an event must be submitted on a 2-page IFIP Event Request Form, prepared and signed by the Main Organizer, requested and signed by the responsible IFIP body (TC or SG) chair, and sent to the IFIP Secretariat.

The request may be submitted successively as a request for

- notification (for inclusion in the IFIP Activity Plan), may be submitted up to 3-6 years before the event;
- sponsorship (for inclusion in IFIP Newsletter Calendar), should be submitted 2-3 years before the event;
- support (for inclusion in the IFIP Activity Budget), should be submitted 1-2 year before the event;
- modification and amendment (of information already submitted), should be submitted whenever changes are known.

The form has been structured in four main sections:

- | |
|---|
| <ol style="list-style-type: none">1. General information2. Sponsor and Support information3. Accounting information4. Additional information |
|---|

As already mentioned, a request for sponsorship cannot be approved unless the financial implications for IFIP have been defined. If this includes a request for financial support, such request can normally be reserved, awaiting final approval until the IFIP budget for the year in which the support should be transferred from IFIP, has been approved by the IFIP GA.

In some cases when non-IFIP organizations are involved as organizers, the request for sponsorship must be accompanied by a Statement of Understanding to ensure proper adherence to IFIP's requirements.

When the Main Organizer is a non-IFIP body and not an IFIP Affiliate Member or a FIACC Sister organization, the Main Organizer must confirm the fulfilment of the four general conditions for IFIP sponsorship (on the technical programme, the general organization, the working language and the financial implications). This is done by having an IFIP Statement of Understanding A signed by an authorized representative of the Main Organizer.

When the Main Organizer is an IFIP body, and Co-Organizers include non-IFIP bodies, each of these Co-Organizers must acknowledge IFIP as the Main Organizer and confirm their financial commitment in the event, as agreed with the Main Organizer. Such acknowledgement is made by having IFIP Statements of Understanding B signed by authorized representatives from the Co-Organizers. IFIP Affiliate Members and FIACC Sister Organizations need only sign this statement if they are involved as Co-Organizers with a financial commitment.

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6. Procedure for processing requests

When the Event Request Form is received and recorded by the IFIP Secretariat, it is forwarded to the Activity Secretary for processing. The Activity Secretary checks whether an IFIP reference number has been assigned to the event; if not a number is assigned. He then checks the form for completeness and consistency, requests any missing information, and compares the information provided with existing policies and guidelines. He determines whether the request can be answered immediately or needs an AMB decision, in which case he presents the request to the AMB Chair. Finally, he informs the Main Organizer contact, the IFIP Responsible Body Chair and the AMB Chair accordingly.

The AMB Chair checks the processing of all requests for conformance with existing policies and procedures. If the request has not been decided by the Activity Secretary, he decides whether he may resolve the request rightaway, or if consultation with the Board Members is needed, either by mail or by discussion at the next meeting of AMB. Finally, he informs the Activity Secretary, who communicates any decision to the Main Organizer contact and the IFIP Responsible Body Chair.

The Activity Secretary enters the relevant information in the IFIP Event Database and generates an Update Sheet for each updated event with a printout of all event data now contained in the databases including approvals and comments from AMB; this sheet is sent to the Main Organizer contact and IFIP Responsible Chair. In addition, the Activity Secretary generates any information required by AMB, including regular listings to be enclosed with the AMB report to Council and General Assembly. He also generates the regular Newsletter Calendar of Events, which includes not only IFIP sponsored events, but also major events sponsored by IFIP's Affiliate Members and FIACC-related Sister Organizations.

After a request for IFIP Sponsorship has been approved, the Activity Secretary remains the main administrative contact between IFIP and the Main Organizer. As such he monitors the progress of the event planning and implementation, including the Main Organizer's submission of the final report from the event. He also provides liaison with IFIP Secretariat, Publications Committee and Finance Committee. If problems occur in the communication between the Activity Secretary and the Main Organizer, the IFIP Responsible Chair and its Cognizant Officer is informed by the Activity Secretary.

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7. Implications of Event Request Approval

When a request for IFIP sponsorship is approved, it implies certain obligations for IFIP, apart from the responsibilities as sponsor and (usually also) as organizer, as specified above. Likewise, the Main Organizer has certain obligations in addition to its responsibilities as organizer.

For IFIP, it implies publicizing the event in parallel with other IFIP-sponsored events in the IFIP Event Calendar and providing, through AMB's Activity Secretary, centralized contact and communication with all IFIP bodies involved. For full and joint sponsored events this also implies monitoring the implementation of the event.

For the Main Organizer, it implies an obligation to include the name and logo of IFIP, as defined by IFIP, in all announcements of the event, in parallel with the names and logos of other sponsors involved in a similar way, and using the terminology applied by the Main Organizer. If IFIP is approved as full or main sponsor, the name "IFIP" shall be included as prefix to the category in the event name (if desired, extended with the IFIP-sponsoring subunit).

The Main Organizer is also obliged to submit to AMB within an agreed period after the event, usually six months for congresses and conferences and three months for other events, a final report, containing prescribed information on the event.

Enclosures: Event Request Form
 Statement of Understanding A and B