

Preliminary Conference Program

Monday, September 11, 2006

revised 2006-07-22

Time		Tutorials			Workshops		
9:00-12:30		Tutorial H1: Ten Simple Steps to Better Requirements <i>Ian Alexander (Independent Consultant, UK)</i>	Tutorial H3: Building a Platform-Independent Model with MDA <i>Christopher Armstrong (Armstrong Process Group, USA)</i>	Workshop W1: International Automotive Requirements Engineering Workshop (AuRE'06)	Workshop W2: First International Workshop on Requirements Engineering Visualization (REV'06)	Workshop W3: Fourth International Workshop on Comparative Evaluation in Requirements Engineering (CERE'06)	Workshop W4: Lightweight Requirements Engineering for Off-The-Shelf-Based Software Development (RE-Lite'06) Cancelled
Lunch							
14:00-17:30		Tutorial H2: Change Agency for Requirements Engineers <i>Erik Simmons (Intel, USA)</i>	Tutorial H4: Successful Product Line Development with Strong Requirements Engineering and Management <i>Andreas Birk (sd&m, Germany), Gerald Heller (Hewlett-Packard, Germany)</i>	Workshop W1 (continued)	Workshop W2 (continued)	Workshop W3 (continued)	

Tuesday, September 12, 2006

Time		Tutorials			Workshops		
9:00-12:30		Tutorial F1: Context: Its Discovery, its Forms, and its Management in Non-Functional Requirements <i>Don Gause (Binghamton University, USA)</i>	Tutorial H5: Security Requirements Engineering Methodologies <i>Fabio Massacci, John Mylopoulos, Nicola Zannone (Università di Trento, Italy)</i>	Workshop W5: First International Workshop on Multimedia Requirements Engineering – Beyond Mere Descriptions (MeRE'06)	Workshop W6: International Workshop on Software Product Management (IWSPM'06)	Workshop W7: Service-Oriented Computing: Consequences for Engineering Requirements (SOCCER'06)	Doctoral Symposium Doctoral Symposium
Lunch							
14:00-17:30		Tutorial F1 (continued)	Tutorial H6: Aspect-Oriented Requirements Engineering <i>Awais Rashid, Ruzanna Chitchyan (Lancaster University, UK), Ana Moreira, João Araújo (Universidade Nova de Lisboa, Portugal)</i>	Workshop W5 (continued)	Workshop W6 (continued)	Workshop W7 (continued)	Doctoral Symposium (continued)
18:30		Welcome Reception					

Wednesday, September 13, 2006

Time	Research Track A	Research Track B	Practitioner Track
8:45-10:15	Conference Opening Keynote 1 End Users Who Meet Their Own Requirements <i>Mary Beth Rosson (Pennsylvania State University, USA)</i>		
	Break		
10:45-12:30	Research Papers 1: Languages, Methods and Tools A Case Study in Systematic Improvement of Language for Requirements <i>Kimberly S. Wasson (University of Virginia, USA)</i> Generating Hierarchical State Machines From Use Case Charts <i>Jon Whittle, Praveen K. Jayaraman (George Mason University, USA)</i> Making Mobile Requirements Engineering Tools Usable and Useful <i>Neil Maiden (City University London, UK), Norbert Seyff, Paul Grünbacher (J. Kepler Universität Linz, Austria), Omo Otojare (City University London, UK), Karl Mitteregger (J. Kepler Universität Linz, Austria)</i>	Mini-Tutorial 1 Just Enough Requirements Management <i>Alan Davis (University of Colorado at Colorado Springs, USA)</i>	
	Lunch		
14:00-15:30	Research Papers 2: Non-Functional Requirements The Detection and Classification of Non-Functional Requirements with Application to Early Aspects <i>Jane Cleland-Huang, Raffaella Settini, Xuchang Zou, Peter Solc (DePaul University, USA)</i> Emotional Requirements in Video Games (Short Paper) <i>David Callele, Eric Neufeld, Kevin Schneider (University of Saskatchewan, Canada)</i> Towards Regulatory Compliance: Extracting Rights and Obligations to Align Requirements with Regulations <i>Travis D. Breaux, Matthew W. Vail, Annie I. Antón (North Carolina State University, USA)</i>	Panel 1: Product Management Have You Spoken to Your Product Manager Recently? How Requirements Engineering Influences Product Management and Vice Versa. <i>Moderator: Christof Ebert (Alcatel, France)</i> <i>Panelists: Sjaak Brinkkemper (Universiteit Utrecht, The Netherlands), Bob Brown (Intel, USA), Steven Haines (Sequent Learning Networks, USA), John Milburn (Pragmatic Marketing, USA), Hugo Geuens (Siemens, USA/Belgium), Günther Ruhe (University of Calgary, Canada)</i>	Practice Papers 1: Application of RE Experiences of Requirements Engineering for Two Consecutive Versions of a Product at VLSC <i>Joel So, Daniel Berry (University of Waterloo, Canada)</i> Controlling the HMS Program through Managing Requirements <i>Debra Aubrey (General Dynamics C4 Systems, USA)</i> Optimal Solutions for Hospital Websites <i>Karsten Wendland (Technische Universität Darmstadt, Germany), Claudia Planz, Peter Oldorf (Kliniken des Main-Taunus-Kreises, Germany)</i>
	Break		
16:00-17:30	Posters Using Aspects to Simplify i*Models <i>F. Alencar (Universidade Federal de Pernambuco, Brazil; Universidade Nova de Lisboa, Portugal), A. Moreira, J. Araújo (Univ. Nova de Lisboa, Portugal), J. Castro (Univ. Federal de Pernambuco, Brazil; IRST, Italy), C. Silva (Univ. Federal de Pernambuco, Brazil), J. Mylopoulos (Univ. of Toronto, Canada)</i>	Research Demonstrations J-PRIM: A Java Tool for a Process Reengineering i* Methodology <i>Gemma Grau, Xavier Franch, Sebastián Ávila (Universitat Politècnica de Catalunya, Spain)</i>	Practice Papers 2: Tailoring and Improvement Tailoring Traceability Information to Business Needs <i>Paul Arkley (University of Newcastle upon Tyne, UK), Tom Brookes (BAE Systems, UK), Steve Riddle (University of Newcastle upon Tyne, UK)</i>

	So, You Think You Are a Requirements Engineer? <i>B. Al-Ani, S.E. Sim (University of California Irvine, USA)</i> Deriving Architectures from Requirements <i>L. Bastos (Banco do Brasil, Brazil), J. Castro (Universidade Federal de Pernambuco, Brazil; IRST, Italy), J. Mylopoulos (Univ. of Toronto, Canada)</i> Towards an Integrated Approach for Aspectual Requirements <i>I. Brito, A. Moreira (Universidade Nova de Lisboa, Portugal)</i> Use Case-Based Modeling and Analysis of Fault-Tolerance <i>A. Ebrenasir, B. Cheng, S. Konrad (Michigan State University, USA)</i> Goal-Oriented Modeling of Requirements Engineering for Dynamically Adaptive Systems <i>H. Goldsby, B. Cheng (Michigan State University, USA)</i> Eliciting Non-Functional Requirements Interactions Using the Personal Construct Theory <i>B. González-Baixauli (Universidad de Valladolid, Brazil), J. Leite (PUC-Rio, Brazil), M. Laguna (Universidad de Valladolid, Brazil)</i> Integrating Goals and Problem Frames in Requirements Analysis <i>L. Liu (Tsinghua University, China), Z. Jin (Academy of Mathematics and System Sciences, China)</i> Requirements Engineering for Pervasive Systems: A Transformational Approach <i>J. Muñoz, P. Valderias, V. Pelechano, O. Pastor (Universitat Politècnica de València, Spain)</i> Exposing Tacit Knowledge via Pre-Requirements Tracing <i>A. Stone, P. Sawyer (Lancaster University, UK)</i> Improving the Modeling of Use Case Relationship <i>J. Tang, D. Liang (University of Minnesota, USA)</i>	REDEPEND: Extending i* Modelling into Requirements Processes <i>James Lockerbie, Neil Maiden (City University, UK)</i> Poirot: A Distributed Tool Supporting Enterprise-Wide Automated Traceability <i>Jun Lin, Chan Chou Lin, Jane Cleland-Huang, Raffaella Settini, Joseph Amaya, Grace Bedford (DePaul University, USA), Brian Berenbach (Siemens Corporate Research Princeton, USA), Oussama Ben Khadra, Chuan Duan, Xuchang Zou (DePaul University, USA)</i> DesCOTS-SL: A Tool for the Selection of COTS Components <i>Carme Quer, Xavier Franch, Xavier Lopez-Pelegrín (Universitat Politècnica de Catalunya, Spain)</i>	Good Practice and Improvement Model of Handling Capacity Requirements of Large Telecommunication Systems <i>Andreas Borg (Linköpings Universitet, Sweden), Mikael Patel (Ericsson, Sweden), Kristian Sandahl (Linköpings Universitet, Sweden)</i> A Requirements Guide For All (REGAL): An INCOSE Initiative (Invited Presentation) <i>Jeremy Dick (Integrate Systems Engineering, UK)</i>
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Thursday, September 14, 2006

Time	Research Track A	Research Track B	Practitioner Track
8:45-10:15	Awards Keynote 2 Testing to Improve Requirements – Mission Impossible? <i>Dorothy Graham (Grove Consulting, UK)</i> Break		
10:45-12:30	Research Papers 3: Analysis Identifying Nounous Ambiguities in Natural Language Requirements <i>Francis Chantree, Bashar Nuseibeh, Anne de Roeck, Alistair Willis (The Open University, UK)</i> Interaction Analysis in Aspect-Oriented Models <i>Katharina Mehner (Technische Universität Berlin, Germany), Mattia Monga (Università degli Studi di Milano, Italy), Gabriele Taentzer (Technische Universität Berlin, Germany)</i> On Goal-based Variability Acquisition and Analysis <i>Sotirios Liaskos, Alexei Lapouchian, Yijun Yu, Eric Yu, John Mylopoulos (University of Toronto, Canada)</i>	Research Papers 4: Use Cases and Interaction An Empirical Quality Assessment of Automotive Use Cases <i>F. Törner (Volvo, Sweden), M. Ivarsson, F. Pettersson, P. Öhman (Chalmers Tekniska Högskola, Sweden)</i> Matching Antipatterns to Improve the Quality of Use Case Models <i>Mohamed El-Attar, James Miller (University of Alberta, Canada)</i> Software Cinema—Video-based Requirements Engineering <i>Oliver Creighton (Siemens, Germany), Martin Ott, Bernd Brügge (Technische Universität München, Germany)</i>	Invited Experience Talks Modeling Requirements <i>Anette Priindahl (ATP, Denmark)</i> Putting Requirements Theory into Practice at Northrop Grumman <i>Ralph Young (Northrop Grumman, USA)</i> Moving Towards Agile Practices – Requirements Management Tool Experiences at Hewlett-Packard <i>Gerald Heller (Hewlett-Packard, Germany)</i>

Lunch			
14:00-15:30	Research Papers 5: Goals Justifying Goal Models <i>Ivan J. Jureta, Stéphane Faulkner, Pierre-Yves Schobbens (FUNDP – University of Namur, Belgium)</i> Managing Terminological Interference in Goal Models with Repertory Grid (Short Paper) <i>Nan Niu, Steve Easterbrook (University of Toronto, Canada)</i> Understanding Business Strategies of Networked Value Constellations Using Goal- and Value Modelling <i>Jaap Gordijn (Vrije Universiteit Amsterdam, The Netherlands), Michaël Petit (FUNDP – University of Namur, Belgium), Roel Wieringa (Universiteit Twente, The Netherlands)</i>	Panel 2: Traceability Requirements Traceability – When and How Does it Deliver More than it Costs? <i>Moderator: Jane Cleland-Huang (DePaul University, USA)</i> <i>Panelists: Jeremy Dick (Integrate Systems Engineering, UK), Jane Huffman Hayes (University of Kentucky, USA), Tim Menzies (West Virginia University, USA), Andrea Zisman (City University London, UK)</i>	Meet the Expert Requirements Engineering, an Oxymoron? <i>Ivy Hooks (Compliance Automation Inc., USA)</i>
Break			
16:00-17:30	Research Papers 6: Features Feature Diagrams: A Survey and A Formal Semantics <i>Pierre-Yves Schobbens, Patrick Heymans, Jean-Christophe Trigaux (FUNDP – University of Namur, Belgium), Yves Bontemps (SMALS MvM/eGOV, Belgium)</i> Identification of Crosscutting Requirements Based on Feature Dependency Analysis (Short Paper) <i>Kun Chen, Haiyan Zhao, Wei Zhang, Hong Mei (Peking University, Beijing, China)</i> Managing Highly Complex Product Families With Multi-Level Feature Trees <i>Mark-Oliver Reiser (Technische Universität Berlin, Germany), Matthias Weber (DaimlerChrysler, Germany)</i>	Research Papers 7: Application and Alignment Systematic Requirements-Driven Evaluation and Synthesis of Alternative Principle Solutions for Advanced Mechatronic Systems <i>Björn Axenath, Holger Giese, Florian Klein, Ursula Frank (Universität Paderborn, Germany)</i> A Coordination Complexity Model to Support Requirements Engineering for Cross-Organizational ERP (Short Paper) <i>Maya Daneva, Roel Wieringa (Universiteit Twente, The Netherlands)</i> Requirement Progression in Problem Frames Applied to a Proton Therapy System <i>Robert Seater, Daniel Jackson (MIT, USA)</i>	Practice Papers 3: Process Issues Agile Requirements Engineering for a Social Insurance for Occupational Risks Organization: A Case Study <i>Mario Pichler (SCCH Software Competence Center Hagenberg, Austria), Hildegard Rumetshofer, FAW Software Engineering (Austria), Wilhelm Wahler (AUVA, Austria)</i> Open Source Requirements Engineering <i>Barbara Paech, Bernd Reuschenbach (Universität Heidelberg, Germany)</i>
18:00	Conference Banquet		

Friday, September 15, 2006

Time	Research Track A	Research Track B	Practitioner Track
8:45-10:15	Research Papers 8: Elicitation Systematic Review of the Effectiveness of Requirements Elicitation Techniques <i>Alan Davis, Ann Hickey (University of Colorado, Colorado Springs, USA), Oscar Dieste, Natalia Juristo, Ana M. Moreno (Universidad Politécnica de Madrid, Spain)</i> Detecting Conflicts of Interest (Short Paper) <i>Paolo Giorgini, Fabio Massacci, John Mylopoulos, Nicola Zannone (Università di Trento, Italy)</i> Using Domain Ontology as Domain Knowledge for Requirements Elicitation <i>Haruhiko Kaiya (Shinshu University, Japan), Motoshi Saeki (Tokyo Institute of Technology, Japan)</i>	Panel 3: The Future of RE Requirements Engineering Research in Some Future Worlds: An Exercise in Scenario Planning <i>Moderators: Bashar Nuseibeh (Open University, UK), David Bush (National Air Traffic Services, UK)</i> <i>Panelists: Dan Berry (University of Waterloo, Canada), Don Gause (Binghamton University, USA), Pankaj Jalote (IIT Delhi, India)</i>	Invited Practice Talks Requirements Engineering: An Industrial Perspective <i>Brian Berenbach (Siemens Corporate Research, USA)</i> Proving the Shalls: Requirements, Proofs, and Model-Based Development <i>Steven P. Miller (Rockwell Collins, USA)</i>
Break			
10:45-12:30	Vision Papers What is this Science called Requirements Engineering? <i>Hans Akkermans, Jaap Gordijn (Vrije Universiteit Amsterdam, The Netherlands)</i> Fusing Quantitative Requirements Analysis with Model-based Systems Engineering <i>Steven Cornford, Martin Feather, Vance Heron, J. Steven Jenkins (Jet Propulsion Lab, USA)</i> Re-Framing Requirements Engineering <i>Colin Potts (Georgia Institute of Technology, USA)</i> Creativity and the Age-Old Resistance to Change Problem in RE <i>Gil Regev (EPF Lausanne, Switzerland), Donald Gause (Binghamton University, USA), Alain Wegmann (EPF Lausanne, Switzerland)</i>	Research Papers 9: Specific Domains and Areas Incorporating Goal Analysis in Database Design: A Case Study from Biological Data Management <i>Lei Jiang, Thodoros Topaloglou (University of Toronto, Canada), Alex Borgida (Rutgers University, USA), John Mylopoulos (University of Toronto, Canada)</i> Towards a Reference Framework for Software Product Management (Short Paper) <i>Inge van de Weerd, Sjaak Brinkkemper, Richard Nieuwenhuis, Johan Versendaal, Lex Bijlsma (Univ. Utrecht, The Netherlands)</i> Managing Non-Technical Requirements in COTS Components Selection (Short Paper) <i>Juan P. Carvallo V. (ETAPATELECOM, Ecuador), Xavier Franch, Carme Quer (U. Politècnica de Catalunya, Spain)</i> Systematic Development of Requirements Documentation for General Purpose Scientific Computing Software <i>Spencer Smith (McMaster University, Canada)</i>	Mini-Tutorial 2 Requirements by Collaboration: Facilitating Workshops to Define Stakeholder Needs <i>Ellen Gottesdiener (EBG Consulting, USA))</i>
Lunch			
14:00-16:00	Keynote 3 Goal-Oriented Requirements Engineering, Part II <i>John Mylopoulos (University of Toronto, Canada and Università di Trento, Italy)</i> Conference Closing Farewell, Invitation to RE'07		