



University of
Zurich^{UZH}

Department of Informatics

University of Zürich UZH
Binzmühlestrasse 14
CH-8050 Zürich
Switzerland

Prof. Dr. Burkhard Stiller

Communication Systems Group
CSG@IFI
Phone: +41 44 635 6710 (direct)
+41 44 635 4331 (Secretary)
Fax: +41 44 635 6809
E-mail: stiller@ifi.uzh.ch
URL: <https://www.csg.uzh.ch/>

To

LCN 2019
Student Travel Grants Chair

Zürich, August 12, 2019

**Student Travel Grant Application
Letter of Recommendation for Eder John Scheid**

Dear Sirs,

Eder John Scheid is currently a PhD Student at the University of Zürich UZH, Department of Informatics IfI. From the beginning of his PhD until now, Eder is working within a Swiss Commission for Technology and Innovation (CTI) project named BC4CC on developing a blockchain agnostic framework to manage data from temperature monitoring in the cold-chain distribution use case with the collaboration of modum.io and under my supervision at the IfI. The results of his work are excellent and contribute to the very successful BC4CC work, proved by the acceptance of the IFIP/IEEE IM 2019 short paper entitled "Toward a Policy-based Blockchain Agnostic Framework" and the IEEE LCN 2019 full paper entitled "***Bifröst: a Modular Blockchain Interoperability API***". In addition to this project, Eder researched, in parallel, the viability of employing blockchain-based Smart Contracts to support the life-cycle and management of generic SLAs. This work led to the IFIP/IEEE IM 2019 full paper entitled "Enabling Dynamic SLA Compensation using Blockchain-based Smart Contracts".

Eder is an excellent student, who is particularly interested in blockchain technology, different blockchain implementation, smart contract languages, and the management of computer networks, and SLAs. Since he has a full paper accepted for the LCN 2019, it would be highly important for Eder to attend LCN 2019 and to meet and discuss with other experts in the community addressing related problems, approaches, and systems. Thus, all "Eligibility for Application" criteria are fulfilled for Eder's application. Me myself will be at LCN 2019 part time.

Missing such an excellent opportunity, especially the conference, its keynotes, and the opportunity to be with internationally renown experts, would be a real pity for an excellent student, whose potential and interest in research is large. Since the plan is that Eder travels to Osnabrück, Germany, to present the paper, it would be a highly appreciated support for him to be able to attend LCN 2019 with a respective Student Travel Grant (STG).

Thus, I am fully convinced that accepting Eder for a STG will be a well-invested decision.

Kind regards,

Prof. Dr. Burkhard Stiller

