

**Call for Papers for
Selected Areas in Communications Symposium
Cloud Communications and Networking Track**

Symposium Track Chair

Dzmitry Kliazovich University of Luxembourg, Luxembourg, Dzmitry.Kliazovich@uni.lu

Submissions must be done through EDAS at <http://edas.info/N21009>

Scope and Motivation

Cloud networking has emerged as a promising direction for cost-efficient, reliable and on-demand service provisioning across data communication networks. The Selected Areas in Communication Symposium – Cloud Communications and Networking provides international forum and fosters discussing on the scientific advancements in optimizing cloud network virtualization and management, reducing energy consumption, developing novel network architectures, service provisioning over heterogeneous connections and wireless links, efficient resource allocation and optimization of communication protocols in the cloud.

Main Topics of Interest

- Data Center Network Management, Reliability, Optimization
- Distributed Data Center Architectures and Services, IaaS, PaaS, SaaS
- Energy-Efficient Datacenters and Networks
- Big Data and Traffic Management
- 5G and the Cloud
- Internet Routing of Cloud Data
- Virtual Ethernet Switching, Data Center Bridging
- Cloud Traffic Characterization and Measurements
- Intra-Cloud vs Inter-Cloud Management
- Cloud Traffic Engineering and Control-Plane Architectures
- Energy Efficiency in Data Centers and Cloud Networking
- Security, Privacy and Confidentiality in Cloud Networking
- Virtualization of Network Equipment
- Unified User and Machine Mobility Management
- Data Flow Management and Load Balancing
- Mobile Cloud Networking
- Cloud Federation and Hybrid Cloud Infrastructure
- Storage Area Networks, Optical Interconnect, Fiber Channels
- Content and Service Distribution

Sponsoring Technical Committees

- Communications Systems Integration and Modeling

Biography of Track Chair



Dzmitry Kliazovich is a Research Fellow at the Faculty of Science, Technology, and Communication of the University of Luxembourg. He holds an award-winning Ph.D. in Information and Telecommunication Technologies from the University of Trento (Italy). Dr. Kliazovich is a holder of a large number of scientific awards, mainly from the IEEE Communications Society, European Research Consortium for Informatics and Mathematics (ERCIM) and Italian Ministry of Education. His work on energy-efficient scheduling in cloud

computing environments received Best Paper Award at the IEEE/ACM International Conference on Green Computing and Communications (GreenCom) in 2010. He served as general and TPC chair in a number of high-ranked international conferences, including the IEEE International Conference on Cloud Networking (CLOUDNET 2014). Dr. Kliazovich is the author of more than 100 research papers and Editorial Board Member of the IEEE Communications Surveys and Tutorials. He is a coordinator and principle investigator of Energy-Efficient Cloud Computing and Communications initiative funded by the National Research Fund of Luxembourg. His main research activities are in the field of energy efficient communications, cloud computing, and next-generation networking.