

Call for papers

Communication QoS and System Modeling Symposium ICNC 2018

Maui, Hawaii, USA, March 5-8, 2018

<http://www.conf-icnc.org/2018/>

Symposium Co-chairs

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Scope

Communication networks are designed to offer services to end-users with suitable Quality of Service (QoS) level. To such an end, network traffic should be analyzed and appropriately controlled so that the desired QoS requirements are achieved. The development of today's applications, network technologies and standards greatly leverages modeling and design tools. Furthermore, different methodologies including analytical modeling, simulation, experimentation, and monitoring are needed to support the design of communication networks and services. The aim of the "Communication QoS and System Modeling" Symposium is to provide an international forum for the discussion of communication services' provisioning, quality and mechanisms to support such services as well as techniques to model and assess the efficiency of communication networks.

Authors are invited to submit original technical papers, covering, but not limited to, the topics of interest listed below:

- Quality, scalability, reliability, and performance of networks and their services, including
 - Internet
 - Optical networks
 - Autonomic systems
 - Internet of Things
 - Wireless and mobile networks
 - Grid and distributed computing
- Cyber physical systems
- Network Performance evaluation methodologies
 - Network modeling
 - Network Architecture simulation
 - Large-scale experimental platforms
- Design of networks and their services
- Cross-layer design, modeling and optimization
- Application/service oriented networking
- Traffic workload modeling and characterization
- Traffic engineering and traffic theory
- Metrics and models for QoS
- Metrics and models for quality of experience (QoE)

Submission Guidelines

Please follow the author instructions at <http://www.conf-icnc.org/2018/author.htm>. The call for paper and a link for direct paper submission can be found at <http://www.conf-icnc.org/2018/cfp.htm>.

Short biography of co-chairs

Bin Cao is a member of IEEE and also an associate professor in the School of Communication and Information Engineering at Chongqing University of Posts and Telecommunications. He received his B.S. in communications engineering from Xi'an University of Technology in 2006, an M.S. in communications & system information from Chongqing University of Posts and Telecommunications in 2010, and a Ph.D. degree (Honors) in communication and information systems from the National Key Laboratory of Science and Technology on Communications, University of Electronic Science and Technology of China in 2014. From April to December in 2012, he was an international visitor at the Institute for Infocom Research (I2R), Singapore. He was a research fellow at the National University of Singapore from July 2015 to July 2016. He is a reviewer for IEEE Network, and also served as a TPC member for numerous conferences including IEEE GLOBECOM and ICC. His research interests include cooperative communications, software defined networks, wireless network virtualization and mobile cloud computing.

Wenjia Li is a member of ACM and IEEE. Prior to joining NYIT in 2014, he was a tenure-track assistant professor at Georgia Southern University, which is a Doctoral and Research University by The Carnegie Foundation for the Advancement of Teaching (2006), and also a public comprehensive university within the University System of Georgia (USG) between August 2011 and July 2014. He obtained his Ph.D. in computer science from University of Maryland Baltimore County (UMBC) in August 2011, and Master's degree in computer science and Bachelor's degree in telecommunication engineering, both from Hunan University, China, in 2005 and 2002, respectively. Dr. Li specializes in cyber security, computer networks, and mobile computing, especially security, trust, and privacy issues in wireless networks, cyber-physical systems (CPS) such as intelligent transportation systems, internet of things (IoT), and mobile social networks.

Giovanni Neglia received a Master degree in electronic engineering and a Ph.D. degree in telecommunications from the University of Palermo, Italy, in 2001 and 2005, respectively. He has been a permanent researcher at Inria, Sophia Antipolis, France, since 2008. In 2005, he was a Research Scholar with the University of Massachusetts, Amherst, visiting the Computer Networks Research Group. Before joining Inria, he was a postdoctorate with the University of Palermo and an external scientific advisor with the Maestro team, Inria. His research is focused on modeling and performance evaluation of computer networks and distributed computing frameworks. He is a member of ACM and IEEE.