

Communication QoS and System Modeling Symposium at ICNC 2014

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

Symposium 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 designs 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 communications service provisioning, the quality and mechanisms to support such services as well as the 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 in network and their services, including
 - Internet
 - Optical networks
 - Autonomic systems
 - Wireless and mobile networks
 - Wireless and mobile networks
 - Grid and distributed computing
 - Wireless and mobile networks
 - Multimedia networks in voice over IP and IPTV
- Performance of large-scale experimental platforms
- Standardization aspects of QoS and reliability
- Network Performance evaluation methodologies
 - Network simulation
 - Network modeling
 - Network measurement and monitoring
- Design of networks and their services
- Cross-layer design, modeling and optimization
- Traffic economics
- Application/ service oriented networking
- Traffic workload modeling and characterization
- Traffic and workload control
- Traffic engineering and traffic theory
- Metrics and models for QoE

Submission Guidelines

Please follow the author instructions at <http://www.conf-icnc.org/2014/author.htm>

Direct paper submission link of this symposium is <http://edas.info/newPaper.php?c=14505>

Important Dates

- Paper submission: **July 5, 2013**
- Paper Acceptance: **Sept. 20, 2013**
- Camera-ready paper: **Oct. 20, 2013**

Lydia Y. Chen

Dr. Lydia Y. Chen is a performance analyst at IBM Zurich Research Lab since 2007. She received PhD in Operations Research and Industrial Engineering from Penn State University. She completed undergraduate studies at National Taiwan University and British Columbia University. She has published papers in several international conferences, such as Sigmetrics, INFOCOM, Globom, ICC, CGO, CCgrid, ICPE, HPDC and DSN. She has served as a TPC member on a number of networking and performance conferences, including INFOCOM, GLOBECOM, IPCCC, ICC and ICNC. She is a member of the ACM and IEEE.

Antonio Pescapè

Antonio Pescapè is an Assistant Professor at the Department of Computer Engineering and Systems of the University of Napoli Federico II (Italy) and Honorary Visiting Senior Research Fellow at the School of Computing, Informatics and Media of the University of Bradford (UK). He received the M.S. Laurea Degree in Computer Engineering and the Ph.D. in Computer Engineering and Systems, both at University of Napoli Federico II. Antonio Pescapè teaches courses in Computer Networks, Computer Architectures, Programming, and Multimedia and

he has also supervised and graduated more than 100 among BS, MS, and PhD students. His research interests are in the networking field with focus on Internet Monitoring, Measurements and Management and on Network Security. Antonio Pescapè has co-authored over 130 journal (Communications of the ACM, IEEE Communications Magazine, JSAC, IEEE Wireless Communications Magazine, IEEE Networks, etc.) and conference (SIGCOMM, IMC, PAM, Globecom, ICC, etc.) publications and he is co-author of several patents pending. He has served and serves as workshops and conferences Chair and on more than 150 technical program committees of IEEE and ACM conferences, including IEEE ICC (NGN symposium). He has served as Editorial Board Member of IEEE Survey and Tutorials (2008-2011) and was guest editor for the special issue of Computer Networks on "Traffic classification and its applications to modern networks". For his research activities he has received several awards. He is a Senior Member of the IEEE. Antonio Pescapè has served and serves as independent reviewer/evaluator of research and implementation projects and project proposals co-funded by the Sweden government, several Italian local governments, Italian Ministry for University and Research (MIUR) and Italian Ministry of Economic Development (MISE).