



Call for Papers

Special Session on Networks & Communication Systems (NCS 2013)

Jointly with,

Networking and Electronic Commerce Research Conference (NAEC 2013)

Riva del Garda, Italy, October 17-20, 2013

The Special Session on Networks & Communication Systems (NCS 2013) will be held on October 17-20, 2013, at Du Lac et Du Parc Hotel & Resort, Riva del Garda, Italy.

Networks & Communication Systems play a significant role in the people's daily life and mainly are based on the flexible and scalable infrastructure of the current Internet technologies. These interdisciplinary fields have undergone significant changes in recent years, such as the evolution to a converged network, the capability to support real-time multimedia services (voice, video, data and future advanced services) while maintaining good performance and satisfactory level of QoS, and the ability to handle smartly, effectively and securely network resources.

This special session is intended to provide a complete coverage in the area of Networks & Communications Systems and to bring together the researchers and industry practitioners to share ideas, challenges, and solutions related to: (i) wired, wireless, mobile and optical technologies, (ii) convergence and next generation networks, (iii) recent advances in the real-time multimedia applications, (iv) traffic analysis and (v) network security; in theoretical and practical aspects.

Topics of interest include, but are not limited to:

- Wire, Wireless, Mobile and Optical Networks
- Wireless Mesh Networks
- Sensor Networks
- Convergent Networks
- Next Generation Networks
- IP Multimedia Subsystem
- Internet Technologies
- Multimedia Communication Systems
- IP-based Applications (Web, VoIP, Multimedia Streaming)
- Cloud computing
- Simulation and Network Measurements
- QoS and QoE
- Traffic Engineering
- IP Traffic Modeling
- Network Performance Evaluation
- Signal and Image Processing
- Cryptography
- Network Security
- Network Anomaly Detection
- Network Traffic Profiling

Author Instructions

The purpose of this special session is to publish high-quality papers on recent advances on Networks & Communications Systems. We are glad to invite the prospective authors to submit original, previously unpublished research papers.

All the papers should be submitted via email to the chair at: homerotoralcruz@gmail.com

The best submissions will be selected for presentation and will be included in the conference proceedings.

Manuscripts should be written in English and strictly follow the guideline of the Networking and Electronic Commerce Research Conference 2013 at:

<http://www.atσμα.org/Conferences/NAEC2013/manuscriptProceedings2013.html>

After the conference, expended full paper contributions will be considered for publication in a special issue of the *Telecommunication Systems Journal* [ISI-indexed, 2012 Impact Factor: 1.027]. Only papers submitted by authors who registered and attended for the conference will be considered.

Registration Forms: http://www.atσμα.org/Conferences/NAEC2013/Registration_Early_forms.html

Session Organizers

Chair: Homero Toral-Cruz, University of Quintana Roo, Mexico

Co-Chair: Pablo Velarde-Alvarado, Autonomous University of Nayarit, Mexico

Technical Program Committee

Alan D Clark, Telchemy Incorporated, USA

Michael R Bartolacci, Penn State University, USA

Miroslav Voznak, VSB - Technical University of Ostrava, Czech Republic

Deni Torres Roman, CINVESTAV Guadalajara, Mexico

Antonio Guerrieri, University of Calabria, Italy

Mozhgan Tavakolifard, Norwegian University of Science and Technology, Norway

Kamaljit I Lakhtaria, Sir Padampat Singhanian University, India

Cesar Vargas-Rosales, Tecnológico de Monterrey, Campus Monterrey, Mexico

Andres Garcia-Saavedra, University Carlos III of Madrid, Spain

Ricardo J Rodriguez, Raytheon - Network Centric Systems, USA

Tânia P Calçada, INESC Porto, Portugal

Vicente Alarcon-Aquino, Universidad de las Américas Puebla, Mexico

Mukaddim Patham, Telstra Corporation Limited, Australia

Almir Pereira Guimarães, Federal University of Alagoas, Brazil

Darryl Dion Diptee, Capella University, USA

Jose Hernandez-Rodriguez, University of Quintana Roo, Mexico

Hidoussi Faouzi, University Hadj Lakhdar of Batna, Algeria

Javier Vazquez-Castillo, University of Quintana Roo, Mexico

Rafael Martínez Peláez, University of Sierra Sur, Mexico

Freddy I. Chan-Puc, University of Quintana Roo, Mexico

Jaime S. Ortégón-Aguilar, University of Quintana Roo, Mexico

Raúl Monroy, Tecnológico de Monterrey, Campus Estado de Mexico, Mexico

Victor M. Sanchez-Huerta, University of Quintana Roo, Mexico

Jorge O. Aguilar-Aguilar, University of Quintana Roo, Mexico

Important Dates

Deadline for paper or extended abstract submission: 15 June 2013

Deadline for acceptance notification: 15 July 2013

Deadline for early registration: 21 July 2013

Deadline for receiving the final manuscripts for the proceedings: 30 July 2013

NCS 2013 website: <http://web.uqroo.mx/htoral/home/news-and-events/call-for-papers---ncs-2013>