**Call for Papers on ICCMIT 2015:**

**Special Session on Networks & Communication Systems (NCS 2015)**

**Organized by:**

**Homero Toral-Cruz, Ph.D  
University of Quintana Roo, Mexico**

**Miroslav Voznak, Ph.D**

**VSB - Technical University of Ostrava, Czech Republic**[http://web.uqroo.mx/htoral/home/editorial-services-and-events/call-for-papers---ncs-2015](http://web.uqroo.mx/htoral/home/editorial-services-and-events/call-for-papers---ncs-2015%20)

**Objective and Motivation**

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.

**Scope and Interests**

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

**Paper Submission Important Dates**

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 We are glad to invite the prospective authors to submit original, previously unpublished research papers.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: [editor@iccmit.net](mailto:editor@iccmit.net) (CC to [homerotoralcruz@gmail.com](mailto:homerotoralcruz@gmail.com) and [miroslav.voznak@vsb.cz](mailto:miroslav.voznak@vsb.cz))

 The best submissions will be selected for presentation and will be included in the **Procedia Computer Science by Elsevier**: <http://www.journals.elsevier.com/procedia-computer-science/>

Manuscripts should be written in English and strictly follow the guideline of the Procedia Computer Science: <http://www.iccmit.net/PROCS_Template-Word-Format.docm>

After the conference, selected best papers will be invited to submit extended versions in Special Issues of prestigious Journals. Only papers submitted by authors who registered and attended for the conference will be considered. Registration Form: <http://www.iccmit.net/Registration.html>

Deadline for paper or extended abstract submission: **February 28, 2015**

Deadline for acceptance notification: **March 7, 2015**

Deadline for receiving the final manuscripts for the proceedings: **March 15, 2015**

More details are available at the NCS 2015 website:

<http://web.uqroo.mx/htoral/home/editorial-services-and-events/call-for-papers---ncs-2015>