



Call for Papers
Wireless Personal Communications
SPECIAL ISSUE ON
ADVANCES AND CHALLENGES IN CONVERGENT COMMUNICATION
NETWORKS

<http://www.springer.com/journal/11277>

Overview:

Communication networks play an important role in our daily life because they allow communicating and sharing contents between heterogeneous nodes around the globe. The emergence of multiple network architectures and emerging technologies have resulted in new applications and services over a heterogeneous network. This heterogeneous network has undergone significant challenges in recent years, such as the evolution to a converged network and the capability to support real-time multimedia services (voice, video, data and future advanced services) while maintaining good performance, satisfactory level of QoS/QoE and the ability to handle smartly, effectively and securely the network resources.

The objective of this special issue is to present new advances and challenges in convergent networks relating to theoretical and practical aspects.

Topics

Original unpublished contributions, and not currently under review to another journal or conference, are solicited in relevant areas including, but not limited to, the following:

- Emerging Wireless and Mobile Technologies
- Ad Hoc and Sensor Networks
- Next Generation Networks
- Future Internet Engineering
- All-IP Environment
- QoS/QoE and Network Reliability
- Real-time Applications and Network Services
- Convergent approach in networked control systems
- New generations of industrial communication technologies
- Emergency Communication Systems
- Energy Efficiency in Convergent Networks
- Security, Privacy and Authentication in Convergent Networks
- Anomaly and Intrusion Detection in Convergent Networks
- Tools and Techniques for Measuring and Monitoring Convergent Networks
- Performance Evaluation in Convergent Networks
- Simulation and Modeling of the Structure and Behavior for Convergent Networks
- Traffic Analysis in Convergent Networks

Important Dates:

- **Manuscript submission deadline: October 20, 2015**
- Notification of Acceptance/Revision/Rejection: January 20, 2016
- Revised Paper Submission: March 20, 2016
- Final Decision Notification: May 20, 2016
- Final Paper Submission: June 20, 2016
- Publication of special issue (tentative): July 2016

Submission Procedure:

The manuscripts for this special issue have to be submitted in the form of a PDF file to any of the Guest Editors (CC to all) using the subject “WIRE - SI on A&C_in_CCN15 – Paper Title”.

Guidelines for preparation of the manuscripts are provided at the Wireless Personal Communications journal website, <http://www.springer.com/11277>. All papers will be rigorously reviewed by at least three international researchers. Papers presented in conferences should be substantially enhanced for consideration (more than 50% new contents) and should be declared at the time of submission.

The conference version also must be attached along with the main manuscript. All manuscripts should include a cover letter containing a clear indication that the submission is for the Special Issue on Advances and Challenges in

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