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Special Issue on

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SYSTEMS (Indexed by SCIE)
Editor-in-Chief: **Mohammad S. Obaidat**

Overview

A Next Generation Network (NGN) is an advanced, packet-based network that exploits multiple broadband, QoS-enabled transport technologies to provide telecommunication services. The objective of NGN is to focus on users and those service-related functions that are independent of underlying transport-related technologies. With the advent of NGN, services that are currently provided by multiple specific network-centric architectures are migrated towards a single, converged, user-centric communication network. NGN provides AAA (Anytime, Anywhere and Always on) access to users from different service providers with consistent and ubiquitous provision of services as necessary. The principles and requirements of Convergence of Fixed and Mobile Networks (FMC) and IP Multimedia Sub-layer (IMS) are likely to deliver all the desired benefits of NGN and should be carefully examined and studied.

Topics

Areas of interest for this special issue include the following topics:
- Multimedia applications over NGN
- Convergence of Fixed and Mobile Networks
- IP Multimedia Sub-layer in NGN
- Wireless Sensor Networks (WSN) / RFID application over NGN
- Security and services over NGN
- Applications deployment over NGN
- Signaling and control in NGN
- NGN service enablers and platforms
- Emergency and location-based services in NGN
- NGN charging issues, parameters, and models
- Experimental service designs and implementations for NGN
- Interworking, Interconnection, Interoperability Issues of NGN
- Cross layer design for 3G, 4G or NGN
- The Evolution of WiMAX
- Critical Impact of Peer-to-Peer (P2P) Applications on Networks
- IPv6

Schedule

Paper Submission Deadline: March 31, 2009
1st Notification of Acceptance: May 31, 2009
Revised Paper Deadline: June 30, 2009
2nd Notification of Acceptance: July 31, 2009
Final Manuscripts: September 1, 2009
Tentative Publication Date: Late 2009

Submission & Review Instruction

Instructions for authors can be accessed through http://as.wiley.com/WileyCDA/WileyTitle/productCd-DAC.html. Authors should submit postscript, PDF or Word files via http://mc.manuscriptcentral.com/ijcs and email a copy to the corresponding editor (hcc@mail.niu.edu.tw) as well.

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