Call for Papers

The 10th International Wireless Communications & Mobile Computing
Conference (IWCMC'14)
Website: http://iwcmc.org/2014/
Hilton Nicosia, Cyprus, August 4-8, 2014

Wireless Networking Symposium

(http://www.lia.deis.unibo.it/confs/IWCMC_WN2014)

Symposium Chairs:

Jalel Ben-Othman, University of Paris 13 (jalel.ben-othman@univ-paris13.fr)
Cheng Li, Memorial University of Newfoundland, Canada (licheng@mun.ca)

Symposium Co-Chairs:

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SCOPE

The emergence of user mobility is due to the development of devices like PDAs and specially the wireless technologies. Wireless networks are expected to encompass heterogeneous access technologies and the Internet backbone for providing services to both mobile and fixed users.

It poses significant technical challenges to enable broadband wireless access with seamless and ubiquitous coverage and quality-of-service provisioning. The objective of this symposium is to exchange and proposes new ideas and results that can improve the actual wireless systems or protocols.

Original papers are invited on emerging architectures and technologies in the design of Wireless Wide Area Networks (WWAN), wireless local area networks (WLANs) wireless personal area networks (WPANs) with emphasis on the use of such networks in diverse areas of applications such as supporting ubiquitous mobile Internet access, and the design of ad-hoc networks, and sensor networks. The symposium solicits high quality and previously unpublished work in the field.

SUBMISSION GUIDELINES

Prospective authors are invited to submit original technical papers by the deadline **20 January 2014** for publication in the IWCMC 2014 Conference Proceedings. All submissions should be written in English with a maximum paper length of six **(6)** printed pages (minimum 10-point font) including figures, without incurring additional page charges (maximum 2 additional pages, with overlength page fee). Standard IEEE Transactions templates for Microsoft Word or LaTeX formats found at:
http://www.ieee.org/portal/pages/pubs/transactions/stylesheets.html

Only PDF files will be accepted for the review process and all submissions must be done through EDAS at:
http://edas.info/N15253

TOPICS of INTEREST

You are invited to submit original technical papers covering but not limited to the following topics:
- Cellular systems, 2G/2.5G/3G/4G and beyond
- WiMAX, LTE, WMAN, and other emerging broadband wireless networks
- Networking issues in WLAN, WPAN, and other home/personal networking technologies
- Body-based wireless networks
- Pervasive and wearable computing
- Wireless networks for underwater and UAVs communications
- Delay tolerant wireless networks
- Wireless mesh networks
- Inter-networking and integration of wireless heterogeneous and multi-tier networks
- Multimode wireless networks
- Reconfigurable wireless networks
- Novel architectural design and operation models
- Service-centric and overlay networks
- Peer-to-peer wireless networks
- Location and context aware services
- End-to-end protocol, flow and congestion control
- Wireless Internet and mobile IP
- Routing and multicasting protocols
- Resource management, mobility management, and admission control
- Power management and control
- Energy conservation techniques
- User cooperation and incentive schemes
- Cross-layer design and optimization
- Performance analysis and QoS provisioning
- Network planning, capacity analysis, and topology control
- Monitoring and network management algorithms
- Fault-tolerance and traffic reliability issues
- Pricing and billing modeling and solutions
- Network measurement, Validation and verification schemes
- Testbeds and deployment
- Self-organizing network
- Wireless multimedia networks
- Standardization activities of emerging technologies
- Medium access techniques and protocols for WLANs/WPANs
- Provisioning quality of service in WLANs/WPANs
- Multimedia networking architectures and protocols for WLANs/WPANs
- Integration and interoperability of WLANs/WPANs and 3G (and beyond) networks
- User mobility and workload modeling
- Security issues in WLANs/WPANs

IMPORTANT DATES

Paper Submission Deadline: **20 January 2014** **(extended)**
Paper Acceptance Notification: **15 March 2014**
Camera-ready Paper Submissions: **15 April 2014**
Registration Deadline for Authors: 15 April 2014