

The 6th International Wireless Communications & Mobile Computing Conference (IWCMC 2010)

Wireless LANs and Wireless PANs Symposium

Call for Papers

Scope

Original papers are invited on emerging architectures and technologies in the design of wireless local area networks (WLANs) and wireless personal area networks (WPANs). Of particular interest to this symposium are innovations in applications that support ubiquitous networking and computing and WLAN/WPAN connectivity to the internet. Areas of interest also include performance analysis and algorithm design of aspects related to the Physical layer (PHY), MAC layer, network layer, and cross-layer of WLANs and WPANs.

Topics of Interest

The conference solicits original technical papers that were not previously published and are not currently under review for publication elsewhere. Topics of interest include but are not limited to:

- Wireless Mesh Networks
- Ultra-wide band (UWB) in the context of wireless LAN/PAN usage areas
- Medium access techniques and protocols for WLANs/WPANs
- Emerging standards and testbeds for WLANs/WPANs
- WLANs/WPANs protocols for smart antennas
- Energy efficiency in protocol and systems design
- Resource assignment and sharing in WLANs/WPANs
- Self configuration in 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
- Interoperability issues between wireless standards/protocols and the Internet
- User mobility and workload modeling
- Security issues in WLANs/WPANs

Paper Submission

Note that IWCMC papers are typically limited to five pages, including text, figures and references, and must be written in English and must be in standard IEEE double-column format (unless mentioned otherwise on the conference's main WEB page). Standard IEEE Conferences templates for Microsoft Word or LaTeX formats can be found at:

<http://www.ieee.org/web/publications/pubservices/confpub/AuthorTools/conferenceTemplates.html>

The font size must be at least 10 points. All submissions will be handled electronically and must be in PDF format. Information on best paper awards and other details will be made available on the IWCMC 2010 main page (<http://iwcmc.com/>).

All submitted papers would be judged based on their quality through a peer-reviewing process. Accepted papers will be published in the Conference Proceedings of IWCMC'10. Further instructions on paper submission and formatting are available on the Conference Main Webpage. For paper submission, please go through the EDAS System, WLANs and WPANs Symposium (<http://edas.info/newPaper.php?c=8223&track=8203>).

Important Dates

- Paper Submission Deadline ~~December 15, 2009~~ January 15, 2010.
- Paper Acceptance Notification March 15, 2010
- Camera-ready Paper Submissions April 1, 2010
- Registration Deadline for Authors April 1, 2010
- Conference Date June 28 - July 2, 2010

SYMPOSIUM CO-CHAIRS

Tarik Taleb, NEC Europe Ltd., Germany, talebtarik@ieee.org

Cheng Li, Memorial University of Newfoundland, Canada, licheng@mun.ca

Yasser Gadallah, UAE University, Al Ain, UAE, ygadallah@uaeu.ac.ae