International Wireless Communications & Mobile Computing Conference

(http://iwcmc.org/2012)

Cyprus, August 27-31, 2012

Mobile Computing Symposium

Scope and Motivation

The Mobile Computing Symposium aims at providing the state-of-the-art research towards understanding the fundamentals of mobile computing and networking system. Mobile Computing is expected to encompass heterogeneous access technologies and the Internet backbone for providing multimedia services to both mobile and stationary 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 serve as an international forum for experts from academia and industry to exchange ideas and results on research and development, and to promote and accelerate standardization, applications, and services of current and future wireless communication networks. Prospective authors are invited to submit original contributions on all aspects in wireless networks, applications and services.

Topics of Interest

The Mobile Computing Symposium welcomes original contributions not published or reviewed by any other journals or conferences. Papers dealing with fundamental problems associated with the topical areas and describing novel uses of communication and computation theory to solve such problems are of special interest. Topics of interest include, but are not limited to:

- Network architecture
- Network planning
- Network Economics
- Broadband wireless access
- Cellular networks
- B3G/4G wireless networks
- WiMAX networks
- Wireless ad hoc and mesh networks
- Wireless local area networks
- Wireless personal area networks
- Ultra-wideband networks
- Wireless sensor networks

- Cognitive wireless networks
- Reconfigurable wireless networks
- Multimode wireless networks
- Vehicular wireless networks
- Home entertainment networks
- All-IP networks
- Ubiquitous coverage
- Cloud computing

Guideline for Authors

Authors are invited to submit original unpublished work, not currently under review by another conference, workshop or journal. Full papers should be restricted to 6 camera-ready pages (in 10 pt font, double column, US letter size, 8.5 x 11 inches, ACM format), including text, figures and references. Authors should use only standard fonts, i.e. Times Roman, Courier, Symbol, Helvetica or equivalent.

Papers must be submitted electronically via EDAS (http://edas.info/newPaper.php?c=11197). All papers must include title, complete contact information of all authors, abstract and up to 5 keywords on the cover page. The corresponding author must be clearly identified.

Submitted papers will be reviewed by three independent experts in the field. Proceedings of the symposium will be published together with those of other IWCMC symposia and workshops. Accepted and presented papers will be included in the IEEE Xplore Database.

Selected papers will be further invited to be considered for possible publication in one of five special issues in the following Journals:

1. Wiley Journal of Wireless Communications and Mobile Computing (WCMC): http://www3.interscience.wiley.com/journal/76507157/home
2. The International Journal of Sensor Networks (IJSNet): http://www.interscience.com/browse/index.php?journalCODE=ijsnet
3. The International Journal of Autonomous and Adaptive Communications Systems (IJAACS): http://www.inderscience.com/ijaacs
4. KSII Transactions on Internet and Information Systems: http://www.itiis.org
5. Peer-to-Peer Networking & Applications, http://www.springer.com/engineering/signals/journal/12083

Important Dates

Paper Submission Deadline: 15 December 2011
Paper Acceptance Notification: 25 March 2012
Camera-ready Paper Submissions: 30 April 2012
Registration Deadline for Authors: 30 April 2012

Chairs

- Sumi Helal, University of Florida, USA (Honorary Chair)
- My T. Thai, University of Florida, USA (TPC Chair)

TPC members

- Philip Brisk, University of California, Riverside
- Jiannong Cao, Hong Kong Polytechnic University
- Periklis Chatzimisios, Alexander TEI of Thessaloniki
- Zhenzhong Chen, Nanyang Technological University
- Kaushik Chowdhury, Northeastern University
- Zhu Han, University of Houston
- Long Le, University of Quebec
- Benyuan Liu, University of Massachusetts Lowell
- Shamik Sengupta, City University of New York
- Duc Tran, University of Massachusetts Boston
- Damla Turgut, University of Central Florida
- Feng Wang, Arizona State University
- Hongyi Wu, University of Louisiana at Lafayette
- Moustafa Youssef, Egypt-Japan University of Science and Technology (E-JUST)