

Call for Papers

Multimedia over Wireless Symposium (MWS 2014)

The 10th International Wireless Communications & Mobile Computing Conference

IWCMC 2014 Website: <http://iwcmc.org/2014/>

SUBMISSION LINK: <https://edas.info/newPaper.php?c=14357>

Hilton Nicosia, Cyprus, August 4-8, 2014

Technically sponsored by IEEE, IEEE Cyprus Section

Local sponsor: Frederick University, Cyprus

Symposium Chair:

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Symposium Co-Chairs:

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Scope:

Recent advances in wireless communications technologies have witnessed a growing and evolving multimedia content delivery market based on information gathering, manipulation, and dissemination. It is a fact that personal communications, computing, broadcasting, entertainment, etc. have turned into streams of multimedia content, and the various communication and network technologies have become the means to carry that content to a wide variety of terminals. Unlike traditional communication systems, a fundamental challenge for present and future communication systems is the ability to transport multimedia content over a variety of networks efficiently at different channel conditions and bandwidth capacities with various requirements of quality-of-service. There are many issues that need to be addressed, such as signal processing, collaborations, power management, flexible delivery, dynamic access, telecommunications, networking, etc., due to the multidisciplinary nature of the applications in advanced wireless multimedia communications.

The Multimedia over Wireless Symposium will provide an international technical forum for discussing and presenting recent research results on any aspects of software, services, and multimedia communications. It aims at bringing together experts from industry and academia to exchange ideas and present results on advancing the state-of-the-art and overcoming research on the challenging issues related to the software design, system deployment of services, and multimedia applications over wireless networks. Papers may present theories, techniques, applications, or practical experiences related to that.

Accepted papers will be published in the IEEE IWCMC 2014 proceedings and will be included in the IEEE digital library (IEEE Xplore).

Topics of interest include, but are not limited to:

- Multimedia delivery and streaming over wireless networks
- IPTV, 3DTV, and mobile TV-related efforts
- Enabling multimedia capability in E-healthcare, smart house, etc.
- Mobile and multimedia communications in sensor networks

- Frontiers in game theory and multimedia systems
- Ubiquitous and “green” multimedia design next-generation networks
- Energy-efficient and scalable control in next-generation wireless video terminals
- Distributed video coding and dissemination in wireless networks
- Multimedia communications in new emerging systems
- Collaborative in-network processing
- Cross-layer design for multimedia communications
- Distributed coding and joint source-channel coding
- Resource allocation and system scheduling
- Multimedia security
- 3D rendering, Processing and Communications
- Multimedia Services and Applications over Emerging Networks
- Multimedia Content Distribution: Infrastructure and Algorithms

Submission Guidelines:

Prospective authors are invited to submit original technical papers—up to 6 pages of length, using the EDAS link <https://edas.info/newPaper.php?c=14357> for possible publication in the IWCMC 2014 Conference Proceedings, which will be included in the IEEE Xplore. Selected papers will further be considered for possible publication in three special issues in the following Journals. For more information, visit: <http://iwcmc.org/2014>

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.inderscience.com/browse/index.php?journalCODE=ijsnet>
3. The International Journal of Autonomous and Adaptive Communications Systems (IAACS): www.inderscience.com/ijaacs

Note: There will be best paper award, best Symposium award and best Workshop award.

Important Dates:

Submission:	December 15, 2013
Acceptance notification:	March 15, 2014
Camera-ready paper submissions:	April 15, 2014
Registration deadline for authors:	April 15, 2014

TPC Members:

Tommaso Melodia (The State University of New York, Buffalo)
 Yang Xiao (University of Alabama, USA)
 Jean-Pierre Seifert (Technical University of Berlin, Germany)
 Zhu Li (Hong Kong Polytechnic University, China)
 Min Chen (Seoul National University, Korea)
 Lei Shu (Osaka University, Japan)
 Shiguo Lian (France Telecom Beijing R&D, China)
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Xiaodong Lin (University of Ontario Institute of Technology, Canada)
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