

CALL FOR PAPERS

Workshop on “Mobile Communications for Emergency Management” (EMCom '13)

Co-Located with the 9th International Wireless Communications and Mobile Computing Conference (IWCMC 2013)

<http://iwcmc.org/2013>

July 1-5, 2013, University of Cagliari, Sardinia – ITALY

Aims and Scope

Emergency management is one of the most important challenges in the actual world due to effects in terms of high cost for the societal, economical and personal sides. The Information and Communication technologies has increased in the last years their importance in preventing and managing all the different aspects of an emergency scenario, even in terms of different types of emergency (i.e., natural disasters, terrorism attacks). Mobile communications are a fundamental aspect of the ICT world, by considering the set-up of an efficient mobile communication infrastructure able to cope with all the aspects of an emergency situation.

The Workshop on “Mobile Communications for Emergency Management” will be held in conjunction with IWCMC 2013. The Workshop on “Mobile Communications for Emergency Management” provides a forum for engineers and scientists in academia, industry and government to present their latest research findings in communication technologies in Emergency Management.

In this workshop, we explore fundamental questions regarding the modern approach to emergency management, taking into accounts the advantages of modern communication systems and architectures.

Areas of Interest

The areas of interest for the Workshop on “Mobile Communications for Emergency Management” include, but are not limited to, the following:

- Autonomic Networking
- Cognitive radio
- Cognitive Networking
- Integration of communication and computing
- Wireless Metropolitan and Wide Area Networks (WiMAX, LTE, TETRA)
- Wireless Local Area Networks (WiFi)
- Wireless Personal and Sensor Networks (LR-WPAN, UWB, Bluetooth)
- Mesh and Ad-hoc Networks (MANET, VANET)
- Satellite Communications
- Heterogeneous networking
- Software Defined Radio
- Communication Security
- MAC/Network protocols
- Physical layer techniques

- Localization techniques
- Demo and field trials

The purpose of this workshop is to stimulate the study of new solutions for Emergency management with the focus on the communication infrastructure.

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=13371> for possible publication in the IWCMC 2013 Conference Proceedings, which will be included in IEEE Xplore Digital Library. Selected papers will be further considered for possible publication in three 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.inderscience.com/browse/index.php?journalCODE=ijsnet>
3. The International Journal of Autonomous and Adaptive Communications Systems (IJAACS) -
www.inderscience.com/ijaacs
4. KSII Transactions on Internet and Information Systems: www.itiis.org
5. Peer-to-Peer Networking & Applications, <http://www.springer.com/engineering>

There will also be best paper awards.

Important Dates

Paper Submission Deadline: 15 December 2012

Paper Acceptance Notification: 15 March 2013

Camera-ready Paper Submissions: 1 April 2013

Registration Deadline for Authors: 1 April 2013

Workshop Organizing Committee

Co-Chairs:

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