

CALL FOR PAPERS

International Workshop on Green Communications and Networking (GCN 2013) — In conjunction with 9th International Wireless Communications & Mobile Computing Conference (IWCMC 2013)

July 1-5, 2013, Cagliari, Sardinia, Italy

<http://iwcmc.org/2013/>

<http://edas.info/newPaper.php?c=13371>

Organizers:

Lei Shu, Osaka University, Japan

Trung Q. Duong, Blekinge Institute of Technology, Sweden

Maged Elkashlan, Queen Mary University of London, UK

Important Dates:

Submission of full papers: February 15, 2013

Notification of acceptance: March 15, 2013

Camera ready paper submission and registration: April 1, 2013

Topics:

- Methodologies and architectures for green communications and networking
- Signal processing for green communication networks
- Green applications and services for future sustainable societies
- Energy-aware cross-layer optimization for energy saving
- Cooperative radio communications for green and smart environments
- Green cognitive communications and networks
- Renewable energy sources for wired and wireless access networks
- Energy-efficient network management
- Energy-efficiency of different network deployment strategies
- Energy efficiency in sensor networks, ad hoc networks, mesh networks and vehicular networks
- Vehicular networks to reduce the CHG emissions
- Energy harvesting for wireless communications and networks
- QoS provisioning and resource management in green radio networks
- Energy, performance, QoS trade-offs
- ICT for minimizing energy consumption of systems such as transportation, offices and industrial buildings
- Security in green communications and networking
- Cooperative transmission for energy savings
- Cognitive radio and spectrum management in green networks
- Carbon-aware and energy-aware network planning

- ITS technologies for sustainable societies
- Green technologies for multimedia applications
- Energy-efficient radio transmission for network sustainability
- Energy-efficient heterogeneous networks
- Integrated RFIDs and sensor networks (RSNs) for energy saving
- Green implementation and design of low-power testbed

Submission Guidelines:

Authors are invited to submit original papers of up to 6 pages including figures, tables, and references, in PDF format. Submission implies that at least one of the authors will register and present the paper at the conference. Electronic submission is accepted through EDAS, using the link: <https://edas.info/newPaper.php?c=13371> for possible publication in IWCMC 2013 Conference Proceedings, which will be included in IEEE Xplore.

There will be best paper awards — best Symposium award and best Workshop award. 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):
<http://www.inderscience.com/ijaacs>
4. KSII Transactions on Internet and Information Systems:
<http://www.itiis.org>
5. Peer-to-Peer Net. & Applications, A springer Journal
<http://www.springer.com/engineering/signals/journal/12083>

TPC Members:

Hans-Jurgen Zepernick, Blekinge Institute of Technology, Sweden

Lei Wang, Dalian University of Technology, China

Theodoros Tsiftsis - University of Central Greece, Greece

Zhangbing Zhou, China University of Geosciences, China

Phee Lep Yeoh, University of Melbourne, Australia

Guangjie Han, Hohai University, China

Maged Elkashlan, Queen Mary University of London, UK

Jianwei Niu, Beihang University, China

Daniel B. da Costa, Federal University of Ceará (UFC), Brazil

Yuexing Peng, Beijing University of Post and Telecommunications, China

Kuang-Hao (Stanley) Liu, National Cheng Kung University, Taiwan

Min Chen, Seoul National University, Korea

Nan Yang, University of New South Wales, Australia

Kyeong Jin Kim, Inha University, Korea