

CALL FOR PAPERS

The worldwide growing energy demands together with the increasing depletion of fossil fuels have been recognized as a major challenge that needs to be urgently addressed by society in order to have a sustainable future. According to the U.S. Energy Department, worldwide energy consumption is forecasted to increase by 53% from 2008 to 2035 if nothing is done to change the current trends. The Information and Communications Technology sector (ICT) is one of the sectors with the highest potential to reduce the growing worldwide electricity consumption if appropriate measures are taken in a timely manner.

In this context, IEEE OnlineGreenComm 2013, the third edition of IEEE Communications Society's Online Conference on Green Communications solicits original, unpublished research papers both from academy and industry reporting on substantial results in the green communications area enabling significant future energy savings.

Topics of interest include, but are not limited to:

Green Solutions for Communications Technologies

- Energy-efficient networking and protocols
- Energy-efficient communications management
- Energy-efficiency in wired networks
- Energy-efficiency in wireless networks
- Energy-efficiency in vehicular networks
- Energy-efficiency in data centers
- Energy-efficiency in content delivery networks
- Energy-efficient secure networking
- Measurement & profiling of energy consumption
- Standardization efforts

Green Society Solutions based on Communications Technologies

- Smart Cities
- Smart Sensing
- e-Health
- Energy-efficient buildings
- Energy harvesting
- Industrial automation
- Machine-to-Machine communications (M2M)
- Intelligent Transport Systems (ITS)
- Standardization efforts

Smart Grid Communications

- Advanced metering infrastructure and smart meter technologies
- Wide-area monitoring and control
- Demand-response management
- Distributed generation and storage
- Operations of renewable energy generation
- Management & control of distributed energy storage
- Grid-to-vehicle and vehicle-to-grid
- Micro-grids
- Standardization efforts

Surveys and Tutorials

- On any of the above topics are welcomed

IMPORTANT DATES

Paper Submission Deadline:
~~May 10, 2013~~ **May 24, 2013 (23:59 EST)**

Acceptance Notification:
July 26, 2013

Camera Ready Version Due:
September 6, 2013

Conference Dates:
October 29-31, 2013

General Co-Chairs:

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