

**Call for Papers for
Second International Workshop on Integrating Communications, Control, and
Computing Technologies for Smart Grid (ICT4SG)**

Workshop Co-Chairs

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<http://icc2016.ieee-icc.org/cfw>

Scope

This workshop focuses on advanced technologies related to the integration of communications, control, and computing for smart grid system designs. These technologies include: information and communications technologies (e.g., smart grid communication and networking, energy harvesting communications, machine-to-machine communications, smart metering, smart grid cyber security, and smart grid privacy); smart control (e.g., wireless power transfer, distributed and autonomous control, renewable energy integration, demand side management and demand response, home energy management, electric vehicle management, and smart electricity pricing); and advanced computing schemes (e.g., Internet of Things and its applications in smart grid, big data for smart grid, cloud computing for smart grid, smart grid optimization, and cyber-power system modeling).

Topics of Interest

We are particularly interested in the integration of technologies rather than one single technology for one particular application in smart grid. Potential topics include, but are not limited to:

From the perspective of communications

- Smart grid communication and networking
- Energy harvesting communications
- Machine-to-machine communications
- Smart metering (or advanced metering system)
- Smart grid cyber security
- Smart grid privacy

From the perspective of control

- Wireless power transfer
- Distributed and autonomous control
- Renewable energy integration
- Demand side management and demand response
- Home energy management
- Electric vehicle management
- Smart electricity pricing

From the perspective of computing

- Internet of Things and its applications in smart grid
- Big data for smart grid
- Cloud computing for smart grid
- Smart grid optimization
- Cyber-power system modeling
- Mobile computing for (home/smart) energy management system

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Important Dates

Paper submission deadline: December 4, 2015

Acceptance notification: February 21, 2016

Camera-ready paper: March 13, 2016