

1st IEEE International Conference on Smart Grid Communications

October 4 – 6, 2010 ~ National Institute of Standards and Technology (NIST)
Gaithersburg, Maryland, USA

Developing the Smart Grid has become an urgent global priority as its economic, environmental, and societal benefit will be enjoyed by generations to come. Information and communications technologies are at the core of the Smart Grid vision as they will empower today's power grid with the capability of supporting two-way energy and information flow, isolating and restoring power outages more quickly, facilitating the integration of renewable energy sources into the grid and empowering the consumer with tools for optimizing their energy consumption.

The 1st IEEE International Conference on Smart Grid Communications (SmartGridComm) is centered on all communications aspects that are relevant to the Smart Grid and aims at bringing together researchers from Academia, Industry, and National Labs to exchange novel ideas, explore enabling technologies, discuss innovative designs, and share field trial experiences and lessons learnt.

The IEEE SmartGridComm Conference will be constituted of twelve Symposia. Each symposium will address a particular aspect of Smart Grid Communications. Prospective authors are invited to submit original contributions (standard two-column IEEE format and up to 6 pages) on all aspects of Smart Grid Communications to one of the following Symposia:

- **Cyber and Physical Security and Privacy**
- **Interconnections and Communications of Electric Vehicles and Smart Grids**
- **Virtual Power Plants, Distributed Generation, Microgrids, Renewables and Storage**
- **Smart Grid and Area Networks (HAN, IAN, BAN, FAN and NAN)**
- **Networking for Smart Grid (IETF, 6LoWPAN, ROLL, IPv4/IPv6, etc.)**
- **Wide-Area Monitoring and Control**
- **Architectures and Models for the Smart Grid**
- **Smart/Virtual Metering, Demand Response, Dynamic Pricing**
- **Standardization, Interoperability and Coexistence**
- **The whole picture: Sense, Communicate, Compute, Control**
- **Field trials, Deployments, and Lessons Learnt**
- **Regulatory Issues and Their Impact on Communications Aspects**

IMPORTANT DATES

Paper Submission Deadline: May 1, 2010
Camera Ready Paper Due: Aug. 1, 2010

Notification of Acceptance: July 19, 2010
Author Registration Deadline: Aug. 1, 2010

GENERAL CO-CHAIRS

George Arnold, NIST, USA
Stefano Galli, Panasonic R&D, USA

TPC CO-CHAIRS

Fred Baker, Cisco, USA
Hamid Gharavi, NIST, USA
Simon Haykin, McMaster University, Canada