

## 3rd IEEE International Conference on Smart Grid Communications

### CALL FOR PAPERS

Developing the Smart Grid has become an urgent global priority, promising economic, environmental, and societal benefits. 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 3rd 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.

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, including but not limited to:

- **Architectures and Models for the Smart Grid**  
**Lead Chair:** Jose Moura, CMU, USA  
Carlo Fischione, KTH, Sweden  
Stephen Low, Caltech, USA
- **The Whole Picture - Sense, Communicate, Compute, Control**  
**Lead Chair:** Jiming Chen, Zhejiang University, China  
Michael (Misha) Chertkov, Los Alamos National Lab, USA  
Georgios Giannakis, UMN, USA  
Junshan Zhang, ASU, USA
- **Wide-Area Monitoring, Control & Protection**  
**Lead Chair:** David Bakken, WSU, USA  
Aranya Chakraborty, NCSU, USA  
Jiann Fuh Chen, National Cheng Kung University, Taiwan
- **Smart Grid Cyber Security and Privacy**  
**Lead Chair:** Shuguang Cui, TAMU, USA  
Álvaro A. Cárdenas Mora, Fujitsu Lab, USA  
H. Vincent Poor, Princeton University, USA  
Thomas M. Overman, The Boeing Company, USA  
Saman Aliari Zonouz, University of Miami, USA
- **Smart Metering Infrastructure Networks and Data**  
**Lead Chair:** Andrea Tonello, University of Trento, Italy  
Prathima Agrawal, Auburn University, USA  
Masahiro Morikura, Kyoto University, Japan  
Mani B. Srivastava, UCLA, USA
- **Smart Grid Services and Management Models**  
**Lead Chair:** Hong-Tzer Yang, National Cheng Kung University, Taiwan  
Filip De Turck, Ghent University-IBBT, Belgium  
Stamatis Karnouskos, SAP Research, Germany
- **Smart Grid Communication Networks**  
**Lead Chair:** Lutz Lampe, UBC, Canada  
Yunghsiang S. Han, National Taiwan University of Science & Technology, Taiwan  
Rose Qingyang Hu, Utah State University, USA  
Klara Nahrstedt, UIUC, USA  
Petar Popovski, Aalborg University, Denmark
- **Demand Side Management, Demand Response, Dynamic Pricing**  
**Lead Chair:** Urbashi Mitra, USC, USA  
Shaline Kishore, Lehigh University, USA  
Leandros Tassioulas, University of Thessaly, Greece  
Chonggang Wang, InterDigital Communications, USA
- **Performance Analysis and Co-simulation**  
**Lead Chair:** Chris Develder, Ghent University-IBBT, Belgium  
Dritan Kaleshi, Bristol University, UK  
Shuo Wang, University of Texas, San Antonio, USA
- **Smart Grid Standards, Test-beds and Field Trials**  
**Lead Chair:** Subir Das, Telcordia, USA  
Yi Qian, University of Nebraska, USA  
Ronald Melton, Pacific Northwest National Laboratory, USA
- **Support for Storage, Renewable Sources and Micro-grid**  
**Lead Chair:** George Michalidis, University of Michigan, USA  
Tsorng-Juu Liang, National Cheng Kung University, Taiwan  
Paolo Tenti, University of Padova, Italy

#### IMPORTANT DATES

Paper Submission Deadline:  
Camera Ready Paper Due:

**May 20, 2012**  
**August 1, 2012**

Notification of Acceptance:  
Author Registration Deadline:

**July 18, 2012**  
**August 1, 2012**

#### Honorary General Chairs

**Hwung-Hweng Hwung**, President, National Cheng Kung University, Taiwan  
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**For more information, visit [www.ieee-smartgridcomm.org](http://www.ieee-smartgridcomm.org).**

**Also see the website for requirements of accepted authors.**