IEEE SmartGridComm 2011 to Explore
World's Power Delivery Infrastructure from October 17 – 20, 2011 in Brussels, Belgium
2nd Annual Conference to Highlight Latest Technologies for Supporting the Two-Way Flow of Energy, Quickly Overcoming Power Outages & Optimizing Energy Consumption

NEW YORK, NY (September 7, 2011) -- The 2nd IEEE International Conference on Smart Grid Communications (SmartGridComm), a leading global forum dedicated to the upgrade of power delivery infrastructures worldwide, will be highlighted by nearly 150 presentations exploring the newest technologies supporting the two-way flow of energy and information, quickly isolating and overcoming power outages, facilitating the integration of renewable energy sources and empowering consumers to optimize energy consumption.

To be held October 17 – 20, 2011 at the Crowne Plaza "Le Palace" in Brussels, Belgium, IEEE SmartGridComm 2011 was developed by IEEE ComSoc to provide an interdisciplinary approach for facilitating the production, delivery and use of electricity globally. This includes an in-depth discussion of enabling communications, innovations and shared-field experiences ranging from remote metering and improved cyber-security to enhanced consumer data services and on-road electrical vehicle recharging.

Conference milestones will also include numerous keynotes offered by leading industry experts such as Branko Bjelajac, Executive Vice President and CFO of Landis+Gyr as well as Manuel Sanchez Jimenez of the Policy Officer Smart Grid, European Commission, who will "Highlight the European Efforts for Smart Grids & the Way Forward" including opportunities for increasing energy efficiency, improving the integration of renewable resources and better empowering consumers and European businesses. Other prominent keynote speakers are Rolf Adam, Director, Global Solutions Development for Utilities Industry & Smart Grid Sales EMEA, Cisco, who will address "Gridonomics: A Future History of the Grid" and Lennart Soder, Professor of Electric Power Systems at the Royal Institute of Technology, KTH in Stockholm, Sweden, who will speak extensively about "The Power of Smart Grids for Power Systems."

Beginning on Monday, October 17, IEEE SmartGridComm 2011 will officially commence with a full-day of workshops and tutorials presented by leading industry experts. For instance, the "Workshop on European Smart Grid Projects" was organized by the European Commission to share the many lessons learned from specific European Smart Grid projects and the actions needed for furthering their deploy, while the "Workshop on Smart Grid Modeling & Simulation" will investigate the complex interactions between markets, power flows and information networks to gain a far greater qualitative understanding of the real-time state of the state of the grid and its load volumes.

On the same day, the conference will also host three tutorials exploring "Power Line Communications for the Smart Grid," "Power Networks for Communications Engineers" and "Communication Networks for Power Engineers." Presented by leading international researchers representing the University of Udine in Italy, Nagoya University in Japan, Aalborg University in Denmark and the University of Michigan in the United States, these sessions have been especially developed to provide participants with an extensive overview of power line communication advances for in-home, in-vehicle and smart grid applications; methods for resolving balancing, stability and reliability issues in intelligent grid structures; and the development of novel architectures and networking paradigms aimed at enhancing the real-time control, agility, asset utilization and security of international smart grids.

Over the next three days, IEEE SmartGridComm 2011 will also consist of three additional days of senior-level keynote addresses, executive business panels and more than 100 technical paper presentations offered during 24 separate sessions organized across 11 independent symposia. In all, hundreds of paper submissions were received from authors representing 39 different countries for discussion on topics such as Architectures & Modeling; Management & Service Design; Wide-Area Monitoring, Control & Protection; Communication Networks; Security & Privacy; Metering, Demand Response & Dynamic Pricing; Electric Vehicle Interconnections & Communications; Virtual Power Plants; and Field Trials, Deployments & Lessons Learned.

Another new feature to this year's event is the "Student Video Contest," which invited students to submit a one- to three-minute video offering original viewpoints on innovative smart grid concepts and benefits. The winning entry will be selected from the eligible selections posted on the IEEE SmartGridComm website and then displayed at IEEE SmartGridComm, where the winners will be awarded a prize of 500 EUR.

For further information, including IEEE SmartGridComm 2011 registration details, please feel free to contact Heather Ann Sweeney of the IEEE Communications Society at h.sweeney@comsoc.org or visit www.ieee-smartgridcomm.org/2011. Participants are also urged to reach out to colleagues via https://twitter.com/SmartGridComm or http://www.facebook.com/SmartGridComm.

IEEE SmartGridComm is hosted by the IEEE Communications Society, which has over 40,000 members and is the second largest of IEEE's 38 technical societies. Founded in 1952, IEEE ComSoc is recognized as a major international forum for the exchange of ideas on communications and information networking. The society is also an international sponsor of global publications, conferences, certification and educational programs, local activities, technical committees and standardization projects.

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