

IEEE Columbia presents

Power & Energy: Standards and Innovations for Today and Tomorrow

An IEEE technical session for practitioners, researchers, policymakers, and university students

Technical Session At-A-Glance

Date:

Tuesday
January 13, 2015

Time:

6:00PM to 8:30PM

Location:

IT-OLOGY
1st Floor Theater
1301 Gervais Street
Columbia, SC 29201

Parking:

Parking is available in the adjacent City Parking garage. Enter from Sumter Street or Gervais Street and park on the Crosswalk-level for easy access to IT-oLogY.

Register Online:

sites.ieee.org/Columbia

Register by January 12, 2015

Students are encouraged to explore internships and other opportunities.

This technical session is designed to provide an advanced view of power and energy (P&E) with the assumption that attendees are new to the topic and/or are seeking real-world applications of state-of-the-art standards and innovations in P&E industries. It will focus upon nuclear, solar, wind, and renewable P&E use cases and technology challenges, features, functions, and benefits. Additionally, discussions will explore topics from the Fukushima Dai-ichi accident to systems protection, HDMI interfacing, SEL relays, and human factors. Attendees will learn about South Carolina's engagement in national P&E initiatives such as those via the US Bureau on Ocean Energy Management and the SC Energy Office, including P&E investments, careers, public policy, and global views.

What You Will Learn:

- About advanced P&E engineering from the perspective of "Responsible Engineers" with significant backgrounds in several companies, states
- An introduction to power protection engineering technologies
- About challenges and problems requiring new talents, solutions
- An introduction to SC's leading-edge P&E projects and targets

■ 6:00PM Networking Reception

■ 6:30PM Greetings & Presentation of the Panel

- Duke Energy Corporation
- SCANA Corporation
- South Carolina Energy Office

■ 8:30PM Closing

Next session: Please visit the IEEE Columbia website at <http://sites.ieee.org/columbia>.



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