

brilliant minds
BRIGHT FUTURES
IEEE SECTIONS CONGRESS 2017
 11-13 AUGUST | SYDNEY, NSW, AUSTRALIA | ICC SYDNEY

Building Local Technical Communities in Chapters

A View from IEEE Power & Energy Society

Wanda Reder

IEEE PES President: 2008 – 2009

IEEE Division VII Director: 2014- 2015



IEEE PES Chapters



PES Chapters:

- 250 professional chapters
- 292 student branch chapters

HOME / CHAPTERS & COMMUNITIES / CHAPTERS / CHAPTER LOCATOR

CHAPTERS

Type in your Country, City, State/Province or Postal Code to locate a chapter near you.

Country, State/Province, City or Postal Code: Chapter Type: All Categories Chapter Radius: 1000 km

Or search by Region

Region 01 Region 02 Region 03 Region 04 Region 05 Region 06 Region 07 Region 08 Region 09 Region 10

Locate Reset

Search to locate places near you.

Chapter type: PES JOINT STUDENT

AKRON-CANTON SECTION CHAPTER, PE31
 Region 02
 Chair: Michael W Pataki
mpataki@akronswire.com
[Chapter Website](#)

ALABAMA SECTION CHAPTER, PE31
 Region 03
 Chair: Derrick Cherry

IEEE PES Technical Activities

- 20 PES technical committees
- Newest committees
 - Smart Buildings
 - Load and Customer Systems
 - Energy Storage and Stationary Battery
- Create standards and guides
- Review ~16000 papers per year
- Develop tutorials
- Inviting YP members to participate



IEEE PES Switchgear Committee meeting in Pittsburgh 2016, Ted Burse and Michael Wactor



Photo – compliments of Miriam Sanders

Recent Conference Tutorials Outside US

- **IEEE 1547** – Interconnecting Distributed Energy Resources
- **IEEE C62.22** – Metal-Oxide Surge Arrestor Application
- **IEEE 998** – Lightning Stroke Shielding of Substations
- **IEEE C37-122.4** – Guide for Gas-Insulated Transmission Lines, 72.5 kV and above
- **IEEE C37.122.6** – Practice for Gas-Insulated Equipment above 52 kV
- **IEEE C37.242** – Guide for Phasor Measurement Units



Task Force on Switching Transients induced by Transformers / Breaker Interaction PC57.142



Photo – compliments of Miriam Sanders

Technical Activities and Chapters

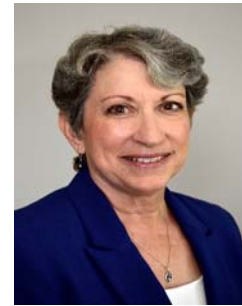
- Highlights in Chapter Chair training
- Distinguished Lecturers for Chapter meetings
- Information in the Resource Center
- Technical contributions through Chapters: contact the PES Technical Committee of interest

PES VP Chapters



Frank C. Lambert

PES VP Technical Activities



Miriam P Sanders, PE

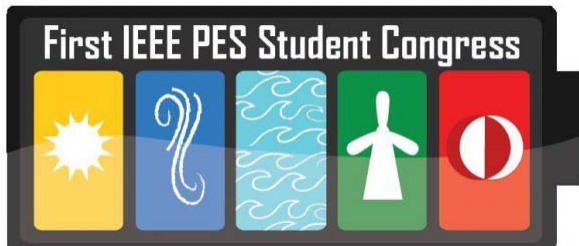


Bi-Monthly Power & Energy Magazine

- All PES Members receive IEEE Power & Energy Magazine
- Published bi-monthly
- Topical articles guided by a steering committee
- Web accessible
- Award-winning
- Very informative



IEEE PES Student Congress



IEEE PES Student Congress

- Builds student network
- Features technical experts
- 3rd IEEE PES Student Congress in 2018
Call for proposals due October 20th, dtopic@etfos.hr



*First IEEE PES Student Congress
Ankara, Turkey*



Conclusion

- Chapter Locator and web links are available and important
- Technical Activities advances technology
- Chapters can contribute to Technical Committees
- Many resources available to professionally develop and welcome contribution
- Outstanding Chapter Awards recognize best-practice



*"PES Outstanding Large Chapter" presented to
Vancouver PES Chapter Chair, Meliha Selak*

