

IEEE Workshop on Electronic Power Transmission & Distribution

November 7-8, 2017, Utzon Center, Aalborg, Denmark

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CALL FOR PRESENTATIONS

The role of power electronics in electric utilities is changing from an enabling technology for renewable generation and energy efficiency improvement to an underpinning technology for grid modernization. Electronic power transmission and distribution grids, which can efficiently manage electricity among power electronic-based sources and loads, are being envisioned in the near future.

Following the success of the inaugural workshop, the 2nd IEEE Workshop on Electronic Power Transmission and Distribution (eT&D 2017), jointly sponsored by IEEE Power Electronics Society (PELS) and IEEE Power & Energy Society (PES), will be held on November 7-8, Aalborg, Denmark, where a 100% renewable energy future by 2050 is targeted. This international workshop, organized by Aalborg University, will feature **presentations only (without proceedings)**, which consist of executive panel sessions, invited speeches, and technical oral/poster presentations from government, industry and academia. **All presentations will be archived in the IEEE PELS and PES Resource Centers.** Researchers, engineers and students, in both power electronics and electric power systems, will present and exchange their views of the latest advances in electronic power transmission and distribution technologies. **Stability, power quality and resiliency of electronic power grids will be of prime interest in eT&D 2017.**

Topics of presentations include, but not limited to

- DC transmission and distribution
- Flexible electronic transmission
- Asynchronous generation and interconnect
- Structured microgrids and standalone power systems
- Electronic power transformers and switchgear
- Grid integration of renewables
- Intelligent converters and systems
- Grid codes, polices and standards
- Harmonics and power quality
- Transients, electromagnetic/impedance compatibility
- Power system stability, control, and frequency regulation
- Grid protection, fault management and isolation
- Grid reliability, resiliency and security
- Cybersecurity

Submission of Presentations: Prospective participants are invited to electronically submit a 1-page abstract of their presentations. The abstracts and presentations should be in English. Detailed submission instructions will be posted on the workshop website.

Important Dates:

Presentation Abstract Submission: July 31, 2017

Notification of Acceptance: August 31, 2017

Presentation Submission: October 31, 2017



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