

CALL FOR PAPERS



Special Session on Advanced Power Quality Conditioning Systems

IECON 2018 - The 44th Annual Conference of the IEEE Industrial Electronics Society
October 21-23, 2018, Washington D.C, USA



TOPIC OF THE SPECIAL SESSION

With the proliferation and increased use of power electronic devices (nonlinear loads), motor loadings and also rapid increase in renewable energy generator, railway electrification systems recently, the power quality (PQ) problems become more serious, which strongly affects the performance, efficiency and reliability of the grid or microgrid. We encourage researchers, engineers and students working in this area to submit high quality research articles as well as review papers to this special session on the recent theoretical, structure, detection, control and analysis advancement on PQ conditioning systems in power grid, microgrids, and railway electrification system.

Topics of the Session

- Power factor correction circuits
- Static var compensators
- Active and hybrid active power filters
- Dynamic voltage restorers
- Unified power quality conditioners
- Control techniques for power quality compensators
- Power quality in microgrids
- Power quality and renewable energy generation
- Power quality in railway electrification system

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Author's schedule:

- Deadline for submission of special session papers
May 1, 2018
- Notification of acceptance
July 15, 2018
- Deadline for submission of final manuscripts
August 1, 2018