



Power Electronics in Power Quality

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submissions:

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Message from the Guest Editor

Dear Colleagues,

The Special Issue, "Power Electronics in Power Quality", of *Energies* invites students, engineers, researchers, to contribute original, as well as review material, addressing recent advances on the identification, understanding, quantification, prevention, reduction, and mitigation of power quality issues using switching power converters. Potential topics include, but are not limited to:

- Unified power quality conditioners
- Active and hybrid power filters
- SiC and GaN based power converters for power quality
- New control techniques for power quality improvement
- Power quality in AC and DC microgrids and smart grids
- Energy storage/management and converters to mitigate sags, interruptions, frequency variations
- Clean and smart EV chargers (G2V, V2G operation)
- Fault tolerant power electronic systems for the cleanliness and quality of power
- Power quality and renewable energy penetration
- Fault tolerant converters and power quality in shipboard power systems and in all-electric aircrafts





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Message from the Editor-in-Chief

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