Special Issue

Technology for Analysis and Control of Power Quality

Message from the Guest Editor

This Special Issue will present the most recent and advanced technologies for the analysis and control of power quality. Topics of interest include, but are not limited to, the following:

- Power quality analysis;
- Power quality mitigation technologies;
- Distribution system planning for power quality;
- Power quality monitoring methodologies and indices;
- Power quality measurement;
- Power quality state estimation;
- Power quality impacts on systems and equipment;
- Power quality standards;
- Equipment power quality immunity;
- Harmonic generation and propagation;
- Interharmonics and other non-harmonic distortion;
- Probabilistic aspects of power quality;
- Economic impacts and management of power quality;
- Renewable generation / distributed generation and power quality;
- Smart grid technologies for power quality;
- Time-varying harmonics;
- Light flicker and voltage fluctuations;
- High-frequency distortion in the range of 9-150 kHz;
- Lightning-induced power quality issues;
- Power quality and reliability;
- Power quality data analytics;
- Forecasting techniques applied to power quality.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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