

Special Issue

Electromagnetic Compatibility and Power Electronics in Power Systems

Message from the Guest Editors

This Special Issue calls for contributions (new research results and/or reviews) focusing on electromagnetic compatibility issues and related solutions in modern power systems. Topics of interest for this Special Issue include, but are not limited to:

- Full-wave and circuit modeling techniques for power electronic devices;
- EMI propagation analysis in power systems;
- Unit-level or system-level EMC evaluations in power systems;
- Statistical EMC analysis in power electronics systems;
- Electromagnetic coexistence between power electronics devices and communications systems;
- EMC analyses in smart buildings;
- Filter design techniques;
- EM shielding and grounding strategies for power electronics systems;
- Measurement and test methods for EMC evaluations of power electronics systems;
- Electromagnetic pulse, intentional EMI, and lightning analyses in power systems.

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Deadline for manuscript submissions

closed (31 December 2023)



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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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