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Advances in Pulsed Power Technologies

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Deadline for manuscript
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Message from the Guest Editor

With this Special Issue, we would like to draw special attention to new ideas that can best support the technological advancement and application development of pulsed power. We welcome both traditional and non-traditional interdisciplinary solutions and also encourage the optimization of existing pulsed power technologies for enhancement and application expansion. This Issue is open, but not limited, to contributions in the following focus areas:

- High-peak power pulse generators;
- Spanning high-power broadband electromagnetic sources;
- Nanosecond pulse generators;
- High-power switching and high-repetition frequency switching technology;
- High electromagnetic energy density storage technology;
- Pulsed electrical insulation and breakdown;
- Explosive pulsed power techniques;
- Electromagnetic measurement techniques, intense particle beams and the associated diagnostics;
- Pulsed plasma applications in agriculture, food, health and biomedicine.



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Special Issue



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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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