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Pulsed Power Science and High Voltage

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Message from the Guest Editors

Dear Colleagues,

Pulsed power technology has been developed since the 1930s, which is used initially to meet the needs of national defense. With the advancement of energy storage technology, switching technology, and measurement technology, pulsed power technology is developing in the direction of high repetition frequency, modularization, compactness, solid-state, etc., and its application has gradually turned to the civilian field at present. Considerable progress has been made in the fields of material manufacturing, environmental, medical, biological, and pulsed power technology has become one of the most active research fields in high voltage.

In this Special Issue, we plan to explore and present novel ideas and valuable outcomes addressing the various aspects of generation, measurement, application, etc. of pulsed power technology. We want to place special attention on:

- Generation of pulsed power
- Measurement of pulsed power
- Application of pulsed power technology
- Novel material in pulsed power system
- Failure mechanism of material in pulsed power system

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Message from the Editor-in-Chief

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