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Announcement: Special Journal Issue on "Radiation Sensors and Detectors"

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Dear Colleagues,

Radiation sensors and detectors are widely used in fundamental physics, nuclear reactors, aerospace science, medicine, environmental monitoring, etc. One of the most important aspects of these application areas is the extremely harsh radiation environment, driven by the next-generation fusion energy reactors and future high-energy particle detectors. It is crucial to develop radiation-resistant, easy-to-operate, high-spatial/temporal-resolution devices that can survive in environments with high radiation fluences and high temperatures, as expected in plasma diagnostics and high-energy particle collisions. Solid-state sensors, especially wide-bandgap semiconductors, are good candidates for these applications.

This Special Issue is addressed to all types of solid-state sensors designed for extremely harsh environments.

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