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## Circuit Simulation and Modeling of Semiconductor Materials and Devices

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (31 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

The study of new semiconductor materials has attracted increasing interest in recent years and continued to develop rapidly, especially materials that can be included in industrial, ecological, and technological applications in the fields of optoelectronics, energy, and condensed matter, which provide a very large domain of research. In seeking to satisfy technological needs, several categories of materials have surfaced from three dimensions to zero, such as diluted magnetic semiconductors, perovskites for 3D and phosphorene, and graphene for 2D. Recently, it has become necessary to analyze the characteristics of newly proposed semiconductor materials and devices and simulate their models to efficiently design new applications based on these materials. This Special Issue will be dedicated to recent and original research in the field of simulation and modeling of semiconductor materials and devices.



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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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