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Advanced Thermoelectric Materials, Devices and Systems

Guest Editor:

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Deadline for manuscript submissions:

20 December 2024

Message from the Guest Editor

Dear Colleagues,

Fossil fuel energy sources are causing increasing numbers of environmental problems, which has led to the search for and development of renewable energy sources. Among the promising options, thermoelectric is utilized in various power generation and refrigeration-related applications.

This Special Issue intends to examine the most recent advancements in thermoelectric technologies for energy harvesting and cooling applications. It gives researchers in the field an excellent place to share what they have learned about fundamental thermoelectric research, the challenges and synergies associated with producing thermoelectric materials, devices and systems, and how they have used their knowledge to keep up with the current trends

Topics covered in this SI include, but are not limited to, the following:

- Characterization of thermoelectric materials;
- Study of bulk and thin-film thermoelectric materials, devices and systems (both experimental and theoretical);
- Utilization of computer-aided thermoelectric materials, devices and system design.













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Message from the Editor-in-Chief

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