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Recent Advances in Thermoelectricity: Materials Processing, Characterization and Modelling

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Advances in functional materials are decisive in addressing current challenges for energy conversion. As thermoelectricity allows for the conversion of heat to electricity, and vice versa, it could play a significant role in the future of energy harvesting. Thermoelectric materials have been extensively investigated these last few decades; however, the use of thermoelectricity on a widespread scale still necessitates more research efforts, in particular on the understanding of the relationships between materials' structures and properties.

We are delighted to devote an issue to the recent advances made in thermoelectricity that help to deepen our understanding of these materials. This Special Issue gathers articles addressing recent achievements in thermoelectric materials, bulk, nanostructured and low-dimensional ones, investigated by either modeling or experimental approaches.

Full papers, short communications, and reviews are all welcome.

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Message from the Editorial Board

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