

Thin Films for Thermoelectric Applications: Second Volume

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Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editors

Although other interesting related topics not mentioned in the above list are also welcome, intended submissions should generally align with thin films for thermoelectric applications.

The topics of interest include, but are not limited to:

- The synthesis of novel thermoelectric materials;
- Deposition techniques for thin films of thermoelectric materials;
- Characterization methods of the thermoelectric properties of thin films;
- The structural characterization of thermoelectric thin films;
- Quantum confinement, phonon drag and 2D materials;
- The physics and chemistry of novel thermoelectric materials for thin films;
- The theory and modeling of thermoelectric thin films;
- Thermoelectric thin film sensors and applications;
- Thermoelectric nanodevices.



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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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