

# Special Issue

## Functional Coatings for Thermal Applications: Thermoelectrics and Thermal Management

### Message from the Guest Editors

This Special Issue invites original research and review articles addressing recent advancements in the science, technology, and applications of coatings for thermal purposes. Topics of interest include, but are not limited to, the following:

- Novel materials for thermoelectric and thermal management coatings;
- Advanced deposition and processing techniques;
- Microstructure–property relationships and performance characterization;
- Interface engineering and mechanisms;
- Integration into devices and systems for energy conversion and thermal management;
- Modeling and simulation of heat transfer and conversion processes.

### Guest Editors

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### Deadline for manuscript submissions

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## Coatings

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## About the Journal

### 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.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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### Editors-in-Chief

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