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Energy Efficient Coatings

Guest Editor:

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Deadline for manuscript submissions:
closed (30 April 2024)

Message from the Guest Editor

The aim of this Special Issue is to publish original research articles, critical reviews from leading researchers on all aspects related to coating design, deposition technology and required functional properties of the energy efficient coating and substrate material. As the Guest Editor of this Special Issue, I am writing to inquire whether you would consider contributing an article or review paper treating, but not limited, the following topics of interest on energy efficient coatings:

- Optical filters for energy efficient
- Coatings for passive cooling by selective infrared-emission
- Energy Efficient Coatings for buildings applications
- Energy Efficient automotive coatings
- Spectrally selective energy coating for agrivoltaics applications
- optical coatings
- solar coatings
- thermodynamic coatings
- cool materials
- automotive coatings
- near-zero-energy buildings
- energy-efficient optical coating for glass
- energy efficient roof coatings

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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.

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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