

Special Issue

Hydrophobic and Anti-icing Coatings

Message from the Guest Editors

We would like to invite you to submit your original research to this *Coatings* Special Issue entitled “Hydrophobic and Anti-Icing Coatings”. The goal of this Special Issue includes all aspects of research related to hydrophobic and anti-icing coatings, including theoretical and application-oriented papers, experimental and numerical studies, case studies, and reviews. We encourage you to send manuscripts containing scientific findings within the broad fields of coatings. Specific topics of interest include but are not limited to:

- Anti-icing coatings
- Superhydrophobic coatings
- Artificial and natural icing
- Self-healable coatings
- Experimental testing
- Numerical modeling
- Icing flashover
- Icing forecast
- Bionic deicing
- Sustainable coatings
- Anticorrosive coatings
- Testing method
- Insulation materials
- Thermal conductive materials
- Electrical contact materials
- Composite materials

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2025)



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About the Journal

Message from the Editor-in-Chief

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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