



## Nanomaterial- and Nanostructure-Based Coatings: Fabrication, Characterization, and Applications

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Deadline for manuscript submissions:

**closed (30 November 2021)**

### Message from the Guest Editors

Dear Colleagues,

The Special Issue is open to valuable contributions in the field of nanomaterial- and nanostructure-based coatings. The Special Issue will cover the fundamentals of thin films and coatings fabricated by various methods, such as sol-gel, spin coating, dip coating, spray coating, physical vapor deposition, chemical vapor deposition, atomic layer deposition, etc. The Special Issue will disseminate research on emerging thin-film coating systems for advanced industrial applications in the automotive, aerospace, biomedical, and electronics sectors. We would like to invite researchers worldwide to submit their original research, short communication, concept, and review articles covering the theoretical and experimental aspects of nanomaterial- and nanostructure-based coatings, their sustainable manufacturing with advanced materials, methods, properties, and devices, and their applications.

Prof. Dr. Waseem Haider

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*Guest Editors*





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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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