

## Advanced Ceramic Materials and Applications

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### Message from the Guest Editors

Dear Colleagues,

We welcome contributions to the Special Issue on Advanced Ceramic Coatings and Applications for the journal *Coatings* (ISSN 2079-6412). Contributions should cover general aspects of this topic—for example, coating production concepts and the latest methods of application resulting in component life extension; modeling of coating failure mechanisms; efficacy of protection and coatings and coatings' integrity; and evaluation of mechanical and thermal properties of coating materials. In summary, we invite papers that cover both practical activity and theoretical modeling.

All manuscripts will be peer reviewed, and those accepted will be published immediately online in an ongoing fashion in this Special Issue.

Deadline for manuscript  
submissions:

**closed (31 March 2023)**



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# Special Issue

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## Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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