

Special Issue

Advanced Ceramic Materials and Applications

Message from the Guest Editors

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.

Guest Editors

Dr. Subir Ghosh

Prof. Dr. Sylvester Abanteriba

Dr. Bingqiang Han

Deadline for manuscript submissions

closed (31 March 2023)



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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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