

Special Issue

Wear and Corrosion Behavior of Ceramic- and Ceramic-Metal Based Coatings

Message from the Guest Editor

I would like to invite you to submit your latest research results to this Special Issue on “Wear and Corrosion Behavior of Ceramics and Ceramic-Metal Composites”. The scope of this Special Issue includes the latest developments in the field of wear- and/or corrosion-resistant hardfacings, thin coatings, ceramics, and ceramic-metal composites for industrial applications. In particular, the topics of interest include but are not limited to:

- Composite hardfacings;
- Fe- based composite hardfacings;
- Thin coating in wear and corrosion applications
- Ceramics for tribological (wear) applications;
- Ceramic-metal composites for tribological applications;
- Ceramic-metal composites with alternative binders;
- Hardfacings and composites from recycled materials;
- Wear behavior of hardfacings, ceramics, and ceramic-metal composites;
- Corrosion behavior of hardfacings, ceramics and ceramic-metal composites.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2021)



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CiteScore 5.0



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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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