

Special Issue

Mechanical Properties and Structural Analysis of Coatings and Engineered Surfaces

Message from the Guest Editors

It is our pleasure to announce to you the Special Issue of Coatings, dedicated to the "Mechanical Properties and Structural Analysis of Coatings and Engineered Surfaces", and to invite you to submit your valuable contribution.

The enhancement of life and the performance of metal engineering components is mainly determined by surface characteristics. Several attempts have been made to challenge the wear of metals by tuning the physical, chemical, mechanical, and metallurgical properties of their surfaces. Research advances in the designing, processing, and characterizing of textured surfaces broadly support innovative industrial applications and products. Engineered surfaces are expected to offer enhanced characteristics in order to tackle surface degradation, and thus improve the performance and reliability of the metal components.

This Special Issue is aimed at presenting the latest developments in this field, through both original research papers and review articles.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2021)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/30174

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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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