

Special Issue

Advances in Surface Engineering of Metals and Alloys

Message from the Guest Editors

Surface engineering of metals is the process of the intentional modification of the surfaces to enhance mechanical, chemical, or biological properties by altering morphology, microstructure, phase and chemical compositions through various surface treatment techniques. Surface modifications are used for an extensive range of design purposes such as simple decoration, mechanical aspects such as wear and fatigue resistances, optical or electrical applications, oxidation resistance, or corrosion protection. This Special Issue on “Advances in Surface Engineering of Metals and Alloys” in *Coatings* invites front-line researchers and authors to submit original research and review articles on various aspects in the field of the surface engineering of metals and alloys that have contributed to our understanding of mechanisms of formation, microstructure, and properties of surface layers.

Guest Editors

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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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