

Special Issue

Surface Coatings: Materials and Techniques

Message from the Guest Editors

Surface coatings are an important part of engineering components and are applied in many fields to provide surface protection, thermal/electric insulation, magnetic behavior, abrasion resistance, biocompatible properties, and wear resistance, among others. This Special Issue focuses on the development of materials and coating techniques that result in the preparation of engineering coatings with functional and/or protective properties. Overall, this Special Issue aims to deal with the most recent advances in the following:

- Novel routes or recent advances for the preparation of feedstock powders or precursor materials for applications in specific surface coating processes.
- Development of surface processes focused on obtaining high-performance coatings either by improving current coating technologies or creating game-changing methodologies.
- In-depth reviews about well-established or new coating fabrication techniques and on the development of cutting-edge coating applications.
- Disruptive and advanced characterization techniques for gaining understanding about coating properties and protection mechanisms for state-of-the-art applications.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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