

Special Issue

State-of-the-Art on Coatings Research in Italy 2021-2022

Message from the Guest Editor

In this sense, the purpose of this Special Issue is to address the recent developments in functional coatings design, synthesis and characterization, highlighting the emerging industrial applications in many industrial fields.

This Special Issue will consist of original research and review articles. In particular, the topics of interest include, but are not limited to:

- thin and thick films;
- processes for coating deposition and modification;
- characterization techniques;
- functional, protective and decorative coatings;
- dyes, pigments and their intermediates;
- wear, corrosion, erosion;
- coatings for high temperature;
- film materials for packaging;
- applied surface science;
- adsorption, adhesion, functionalization;
- fundamental and functional properties of surface and interfaces;
- theoretical and computational modeling of surfaces and interfaces;
- high surface area systems: colloids, nanoparticles, large interfaces.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/81934

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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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