

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

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Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editor

Dear Colleagues,

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.



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## Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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