

## Coatings against Corrosion, Microbial Adhesion, and Biofouling

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### Message from the Guest Editor

Dear Colleagues,

This Special Issue is dedicated to the recent achievements and ongoing research done in the elaboration of new, multifunctional coatings effective in the inhibition of the deterioration of solid surfaces and of coatings, as well as in the development of new analytical methods applicable either in laboratory or industrial systems.

**Not only original papers, but also reviews are welcome on the following topics:**

*New special multifunctional coatings:*

- when the inhibitor or biocide is involved into the coating (continuous release);
- when the active materials are incorporated into containers (tubes, capsules, and core/shell structure); smart coatings with slow release mechanisms (microspheres with porous structure);
- recently developed core/shell capsules with new (one or more) active materials that can decrease the microbial adhesion and/or the life conditions for microbial activity.

*Nowadays developed techniques to control the deterioration of coated solid surfaces (chemical/electrochemical/biochemical sensors).*

*Modern approaches to environmentally effective anticorrosion and antifouling systems.*



## Editors-in-Chief

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## 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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