

Special Issue

Innovative Organic Coatings

Message from the Guest Editors

At present, organic coatings are key elements of advanced engineering systems, and life without coatings would be impossible to imagine. Organic coatings can be used as decorative, anticorrosion, antifiame, antifouling, and several other sorts to protect a substrate/base/platform/surface from attacking moieties. Due to the complexity of materials and systems used today, organic coatings are designed and expected to play a multiple role. The aim of this Special Issue is to collect innovative works devoted to organic coatings.

The keywords below give some examples of the themes relevant to this Special Issue:

Thermoplastic coatings;
Thermoset coatings;
Anticorrosion coatings;
Antifiame coatings;
Antifouling coatings;
Smart coatings;
Decorative coatings;
3D printing of coatings;
Simulation of properties and performance of coatings;
Transport phenomena in and across coatings;
Biodegradable coatings.

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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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