Special Issue

Antifouling Coatings

Message from the Guest Editor

Fouling is the attachment and accumulation of unwanted organic and inorganic matter on materials' surfaces. The phenomena can be classified mainly into two categories: living and non-living phenomena. Some researchers think that both are related to each other. From this viewpoint, fouling phenomena might be considered and investigated based on the same biological factors and concepts. The phenomena are also called biofouling which is classified further into micro-fouling and macro-fouling. Macro-fouling includes the attachment of various organisms such as oysters, barnacles etc., to marine structures, components and ships. As for micro-fouling, microorganisms play an important role. This Special Issue would like to highlight the problem and solutions from the viewpoint of coatings as an anti-fouling countermeasure. From academic papers to technical ones, there are many possibilities. We will welcome them all, because the development of an anti-fouling coating will entail beneficial and economical solutions to enhance our lives and industrial activities. We look forward to receiving your submissions.

Gue

Guest Editor

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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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