

Special Issue

Investigation on Structure and Corrosion Resistance of Steels/Alloys

Message from the Guest Editors

We are pleased to invite you to submit your research to this Special Issue, "Investigation on Structure and Corrosion Resistance of Steels/Alloys". Alloys/Steels have numerous engineering applications in nuclear power plants, oil, chemicals, petrochemicals, and marine industries. Mechanical and corrosion properties constitute the two most important properties when working with alloys/steels; these properties are directly affected by microstructures. Thus, research on microstructures and improving alloy/steel mechanical and corrosion properties is vital to develop advanced alloys/steels. The submission of original research articles and reviews is welcome. Research areas may include (but are not limited to) the following:

- Localized corrosion of stainless steels;
- Corrosion mechanism of ultra-high-strength steels;
- Advanced corrosion-resistant coating of steels;
- Structures of ultra-high-strength steels;
- Mechanical properties and corrosion resistance of high-strength stainless steels.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2024)



Coatings

an Open Access Journal
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Impact Factor 2.8
CiteScore 5.4



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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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