

## Special Issue

# Corrosion Cracking Behavior of Metals and Alloys

### Message from the Guest Editors

Corrosion cracking (CC) can cause premature failure of metals and alloys in a corrosive environment. In many cases, CC can cause catastrophic and unexpected failures. Full understanding of the exact mechanisms is lacking, as they can be material-specific. For example, alloying elements strongly affect CC of stainless steel. This Special Issue on “Corrosion Cracking Behavior of Metals and Alloys” will focus on fundamental aspects of CC. Individual research articles or comprehensive reviews on CC are welcome. This Special Issue will cover the latest research on this important topic.

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### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2021)



## Metals

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## About the Journal

### Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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### Editors-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).