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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Message from the Editor-in-Chief

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.

Editor-in-Chief

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