

Special Issue

Mechanical and Structural Properties of Cast Irons

Message from the Guest Editor

We are pleased to announce this Special Issue of *Metals* entitled “Mechanical and Structural Properties of Cast Irons”. The cast irons are a wide family of materials that have been applied to all aspects of human development since ancient times. In this light, we invite you to submit valuable contributions that provide a more comprehensive and critical understanding of the state-of-the-art of cast irons and their mechanical and microstructural properties in various conditions and applications. This Special Issue will consider full papers, communications, and review articles concerning the latest advancements and emerging trends in cast irons, with a special focus on technological innovation. Submissions (including case studies, experimental and/or analytical approaches) that explore recent developments in improving microstructural, mechanical, wear, and corrosive properties, as well as performance in different extreme conditions, are encouraged.

Guest Editor

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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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