

Special Issue

Wear and Fracture of Steel Manufacturing Apparatus and Tools

Message from the Guest Editor

This Special Issue will cover a great deal of recent progress and new developments regarding all aspects of steel manufacturing apparatus and tools used in the casting, rolling, heat-treatment, plating, conveying and so on. Then, the strength, corrosion resistance, wear resistance and other tribological properties will be discussed, for all kinds of manufacturing materials, including ceramics, powder metals and so on. The Special Issue will also indicate new technologies to meet demanding requirements for dimensions, shapes and qualities in products and apparatus supported by computerized control technology.

Guest Editor

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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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