



Ironmaking and Steelmaking

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Message from the Guest Editors

Steel is a critical material in our societies and will remain an important one for a long time into the future. In the last two decades, the world steel industry has gone through drastic changes and this is predicted to continue in the future. The global steel industry is also facing various grand challenges in strict environmental regulation, new energy and materials sources, and ever increasing customer requirements for high quality steel products, which has been addressed accordingly by the global iron and steel community.

For this Special Issue “Ironmaking and Steelmaking” in *Metals*, reviews and articles from the international iron and steel community to cover the state-of-the-art of the ironmaking and steelmaking processes are welcomed. This includes fundamental understanding, experimental investigation, pilot plant trials, industrial applications and big data utilization in the improvement and optimization of existing processes, and research and development in transformative technologies.

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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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