



Ironmaking and Steelmaking

Guest Editors:

Dr. Zushu Li

The University of Warwick,
Coventry, United Kingdom

Prof. Claire Davis

The University of Warwick,
Coventry, United Kingdom

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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.

Dr. Zushu Li

Prof. Claire Davis





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Editor-in-Chief

Prof. Dr. Yong Zhang

Beijing Advanced Innovation
Center of Materials Genome
Engineering, State Key
Laboratory for Advanced Metals
and Materials, University of
Science and Technology Beijing,
30 Xueyuan Road, Beijing 100083,
China

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.

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Metals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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