Special Issue

Applied Artificial Intelligence in Steelmaking

Message from the Guest Editor

Steelmaking as the process of producing steel from iron ore or scrap is one of the major existing technologies, crucial also for the development of a future technological society. At the same time, the fourth industrial revolution has introduced artificial intelligence into all aspects of our everyday life. This Special Issue of *Metals* will cover the usage of artificial intelligence methods in all stages of the process, from steelmaking through casting to rolling, heat treating ,and delivery of the product (e.g., manipulation, transportation, logistics), including monitoring, quality assurance, and environmental issues. Practical applications are especially welcome.

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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