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Thermodynamics and Kinetics in Metallurgical Processes

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Deadline for manuscript submissions:

closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

The Special Issue is focused on the recent progress of thermodynamics and kinetics in metallurgical processes, including theoretical and/or experimental work. We also encourage authors to submit review papers of their team regarding thermodynamics and kinetics. Topics addressed in this Special Issue may include, but are not limited to:

- 1. Raw material preparation
- 2. Ironmaking process
- 3. Steelmaking process
- 4. Refining process
- 5. Casting process
- 6. Non-ferrous Metallurgical process
- 7. Activity and its application
- 8. Physical properties of slag and melts

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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 metallurgical field the ranging from processing. and mechanical behavior. phase transitions microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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