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Modern Foundry Materials and Technologies

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Deadline for manuscript submissions:
closed (10 August 2023)

Message from the Guest Editors

Dear Colleagues,

The global increase in the number of castings produced has resulted in a growing demand for the latest specialist knowledge in the field of the foundry. The structure of cast elements is subject to dynamic changes, to reduce their weight and improve performance parameters .

This is why we are looking for new solutions in the field of casting technology that will optimize the casting production process itself, reduce production costs, and ensure appropriate quality.

This Special Issue aims to cover all foundry technologies and alloys (cast steel, cast iron, and nonferrous alloys). Due to the topics covered in this Special Issue, articles on the use of modern solutions in the technology of casting production are welcome. Topics covered may include the optimization of foundry production, methods of metal preparation, crystallization, the electromagnetic mixing of foundry alloys, and quality control.

We invite you to submit original research papers or review articles that describe the current state-of-the-art within the scope of this Special Issue on ‘Modern foundry materials and technologies’.

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Message from the Editorial Board

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