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Achievements in Foundry Materials and Technologies

Guest Editors:

Prof. Dr. Marcin Stawarz

Department of Foundry
Engineering, Faculty of
Mechanical Engineering, Silesian
University of Technology, 7
Towarowa Street, 44-100 Gliwice,
Poland

Prof. Dr. Krzysztof Janerka

Department of Foundry
Engineering, Faculty of
Mechanical Engineering, Silesian
University of Technology, 7
Towarowa Street, 44-100 Gliwice,
Poland

Prof. Dr. Jan Jezierski

Department of Foundry
Engineering, Faculty of
Mechanical Engineering, Silesian
University of Technology, 7
Towarowa Street, 44-100 Gliwice,
Poland

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Message from the Guest Editors

Dear Colleagues,

Foundry is one of the basic branches of production. In every industry of the modern economy, foundry products are used: parts of machines and devices, load-bearing elements, precision elements, etc. Throughout its history, the foundry industry has been constantly developing, introducing new molding materials, casting alloys, processes, foundry tools, quality control systems, energy-saving systems, environmental protection, etc.

This Special Issue covers all foundry technologies and alloys (cast steel, cast iron, and non-ferrous alloys). Due to the topics covered in this Special Issue, articles on modern solutions in the technology of casting production are welcome. Topics covered may include optimization of foundry production, methods of metal preparation, crystallization, electromagnetic mixing of foundry alloys, quality control, printing 3D processes, reverse engineering, etc.

Once again, we invite you to submit your original research papers or review articles that describe the current state of the art within the scope of this Special Issue, “Achievements in Foundry Materials and Technologies”.



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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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