



Advanced Steel Materials: Recrystallization, Phase Transformation and Microstructure Analysis

Guest Editor:

Dr. Toshio Ogawa

Department of Mechanical
Engineering, Aichi Institute of
Technology, Toyota, Japan

Deadline for manuscript
submissions:

20 May 2024

Message from the Guest Editor

Steel materials are widely used in various applications for their low cost and capacity for mass production. A key point of material design for steel materials is mainly the control of recrystallization and phase transformation in the manufacturing process. Moreover, the interaction between recrystallization and phase transformation plays an important part in controlling the microstructure.

The long history of research on recrystallization and phase transformation of steel materials is well known. Recently, not only experimental approaches but also various other approaches such as modeling, simulation, high-dimensional analysis, and machine learning have been attracting attention. These approaches have led to new and important findings. Thus, the research on recrystallization and phase transformation of steel materials will continue to increasingly develop in the future.

This Special Issue is focused on the recrystallization and phase transformation of steel materials. I would like to invite you to submit original research articles for this 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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Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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