



Recrystallization and Phase Transformation of Steel Materials

Guest Editor:

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Deadline for manuscript
submissions:

closed (20 March 2023)

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 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.

In this Special Issue, I wish to focus 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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Message from the Editor-in-Chief

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