Special Issue

Simulation and Optimization of Steel and Metal Manufacturing Processes

Message from the Guest Editor

"Simulation and optimization of steel and metal manufacturing processes" has been a very active area of research over the past few decades. Significant advances in this field are the result of interdisciplinary multiphysics and multiscale studies in related areas of computational mechanics, constitutive material models, and mathematical analysis. At the same time, in the industrial production process, numerical simulation calculation plays an important role as an important tool for designing and optimizing the production process. This Special Issue "Simulation and Optimization of Steel and Metal Manufacturing Process" will focus on the computational modeling and numerical simulation of the manufacturing process of metal materials, aiming to collect the latest progress in this field.

Guest Editor

Prof. Dr. Eric Feulvarch
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About the Journal

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

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