

## Special Issue

# Modeling and Advanced Experimental Techniques in Deformation Processing of Steels

### Message from the Guest Editors

In this Special Issue, we seek to provide a wide array of research articles on recent advances in the areas of steel chemistry design, thermo-mechanical processing of steels, physical simulation of metallurgical processes, steels' characterization using cutting-edge experimental and structural metallurgy techniques, and the development of theoretical tools and advanced models to predict their microstructure and properties during or after thermo-mechanical processing. We hope that this Special Issue will serve as an extra platform, showing the current state-of-the-art and latest developments in this field. The main objective of this Special Issue is to facilitate a more intense development in this area of research and to showcase these recent developments to industry. We hope that this Special Issue will help the steel research community to formulate new challenging problems and directions in this exciting field of metallurgy, as well as motivating young researchers and raising their interest to address these problems.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 December 2022)



## Materials

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## About the Journal

### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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