

## Special Issue

# Phase Transformation and Microstructure Evolution in Stainless Steels

### Message from the Guest Editor

The current Special Issue is focused on research results involving one or a combination of solid-state phase transformations in stainless steels, irrespective of the nature of transformation and including aging and precipitation reactions and atomic redistribution phenomena. Of particular interest is the deformation-induced microstructure evolution of fully or partially austenitic stainless steels. The phase transformations and microstructure evolutions may have occurred under laboratory conditions or during production or service. Ideally, the phase transformations and microstructural evolutions are not considered in isolation but are correlated with the properties and performance. Submissions making use of theoretical approaches and simulation tools, for instance, thermodynamic and kinetic calculations, or those contributing to the critical assessment of such databases are highly welcome. With your contributions, this Special Issue will offer solutions to some of the existing problems with stainless steels and promote the state-of-the-art on stainless steels.

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### Guest Editor

Dr. Javad Mola

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### Deadline for manuscript submissions

closed (10 December 2022)



## Materials

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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