

## Special Issue

# Recent Advances on Mechanical Properties and Microstructural Features of Alloy/Steel

### Message from the Guest Editor

Dear colleagues, The modern development of science and technology makes high demands on the mechanical behavior of alloys/steels. The mechanical behavior of metallic materials is directly related to the structural and phase transformations that take place in them. As a result of deformation, thermal, and other effects on alloys/steels, various structural features can be observed in them, affecting mechanical behavior. Modern methods for studying structure and properties have made it possible to discover interesting features—for example, the segregation of grain boundaries in steels and other alloys, the special character of grain boundaries under severe plastic deformation, etc. This Special Issue focuses on recent studies of the structural features and mechanical behavior of alloys/steels.

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### Deadline for manuscript submissions

closed (10 August 2023)



## Materials

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### Message from the Editor-in-Chief

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