



Advances on Dynamical and Structural Properties in Metallic Glasses

Guest Editor:

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Message from the Guest Editor

Recent years have witnessed important progresses in the comprehension of the structural and dynamical mechanisms underlying the unique mechanical and elastic properties of metallic glasses. Different relaxation processes have been identified as responsible for the complex transport and thermal properties of these materials. Such processes are deeply related to the specific structural details of the glass and can be tuned by slightly modifying the sample composition. Temperature and pressure have been also identified as important parameters which are able to switch the materials between distinct amorphous states with different properties.

This Special Issue invites original research contributions, communications, and reviews dealing with recent advances in metallic glass formers, aimed to clarifying their thermal, mechanical, structural, and dynamical properties.

Keywords

- metallic glasses
- relaxation processes
- glass transition
- aging
- thermal properties
- structure





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Message from the Editor-in-Chief

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