

Topical Collection

Feature Paper Collection on Solidification, Deformation, and Mechanical Properties of Alloys

Message from the Collection Editors

This collection will present the latest research into various classes of alloys, processed using liquid route and solid-state metallurgical operations, and will include research focusing on the complex chemistry of some modern alloys. Research about alloy mechanical properties will be presented as well as research on process-microstructure-property relationships. Topics of interest include, but are not limited to:

- Theoretical, modelling, and experimental research on alloy solidification;
- Research on alloy deformation;
- Research that addresses process-microstructure-property relationships;
- Theoretical, modelling, and experimental research about mechanical properties of alloys, for example compressive, tensile, impact, hardness, fatigue, toughness, creep properties;
- Research linking the design and development of new alloys with processing and mechanical properties.

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Message from the Editor-in-Chief

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