

Special Issue

Structure and Properties of Metallic Glasses

Message from the Guest Editors

Metallic glasses are a novel class of metallic materials with long-range-disorder and short-range-order atomic arrangements and possess unique mechanical and functional properties, making them a popular topic in the field of materials research. However, thus far, there has been a lack of effective theoretical models and characterization methods for determining the microscopic atomic arrangements of metallic glasses, significantly hindering the research on these materials and their application. Therefore, exploring the atomic arrangement, developing effective structure models, and establishing the structure–property relationships of metallic glasses is of great significance.

This Special Issue will focus on original research articles and review papers on the theoretical modeling of the atomic arrangement of metallic glasses. We welcome papers that employ advanced experimental techniques and computational simulations to explore the atomic arrangement of metallic glasses, and papers that establish the relationship between the atomic-level structure and properties of metallic glasses.

We are pleased to invite you to submit a manuscript to this Special Issue.

Guest Editors

Prof. Dr. Qiang Li

Prof. Dr. Si Lan

Prof. Dr. Weiming Yang

Dr. Zhenduo Wu

Deadline for manuscript submissions

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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