

Special Issue

Multiscale Behavior of Materials and Structures: Analytical, Computational, and Experimental Approaches

Message from the Guest Editors

This Special Issue, entitled “Multiscale Behavior of Materials and Structures: Analytical, Computational, and Experimental Approaches”, will serve as a platform for researchers to share their findings, methodologies, and innovations in the field of multiscale materials behavior. We invite contributions from academia, industry, and research institutions that highlight innovative approaches to understanding and predicting material performance across scales. Topics of interest include, but are not limited to, the following:

- Analytical Approaches
- Numerical Methods
- Experimental Techniques
- Integration of Approaches
- Applications

By bringing together diverse perspectives and methodologies, this Special Issue aims to foster interdisciplinary collaboration and advance the frontiers of materials science. We welcome original research articles, comprehensive reviews, and methodological papers that push the boundaries of our understanding of multiscale material behavior.

Guest Editors

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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.

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