



## Special Issue on Materials Design and Simulation

### Call for Papers

Modeling, simulation, experimental characterization and synthesis to advance the state-of-the-art in materials design and discovery for engineering applications. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Materials Design and Simulation**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Materials Design and Simulation**. In this special issue, potential topics include, but are not limited to:

- Microstructure simulation and virtual material design
- Computational materials design and processing
- Multi-scale materials simulation and design
- Simulation-assisted materials design for the concurrent design of materials and products
- Mathematical models in materials science
- Mesoscale and multiscale modelling
- Kinetics & microstructure modelling

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue – Materials Design and Simulation**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	July 15th, 2026
Publication Date	August 2026

#### Guest Editor:

Dr. Ruby Garg, Hitachi High-Tech America Inc, Hillsboro, USA.

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