



Special Issue on Mechanics Modeling

Call for Papers

Modeling is the process of describing physical and engineering systems in terms of mathematical equations which can be solved analytically or numerically. Model selection is determined by the mechanical characteristics of the system as well as by the analysis' objectives. Not every structure has to be modeled as a three-dimensional continuum. Dimensional reduction based on certain assumptions can drastically reduce the modeling and computation effort. In general, good models are as simple as possible and as complex as necessary. 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 this area of **Mechanics Modeling**.

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

- Computational mechanics
- Statistical mechanics
- Applications of mathematical equations in mechanics
- Application of calculus in mechanics
- Mechanics and modeling
- Continuum mechanics modeling
- Mechanics analysis
- Structural mechanics modeling

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 – Mechanics Modeling**” should be selected during your submission.

Special Issue timetable:

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Please contact Editorial Assistant at
wjm@scirp.org