Special Issue on Nonlinear Mechanics

Call for Papers

Nonlinear Mechanics of Materials offers an update of the knowledge necessary to understand and use the most recent models of materials behavior and damage in structures. Nonlinear Mechanics encourages links between mathematics and application or industrially motivated problems over a wide range of continuum mechanics, including fluids, solids, soft matter and complex materials. We do this by exploring problems with nonlinearity at their heart, using tools from analysis, computation and dynamical systems. As one of most important branches in mechanics, nonlinear mechanics is of great attractions to researchers.

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

- Damage mechanics
- Heterogeneous materials mechanics
- Nonlinear structural analysis and strain localization phenomena
- Finite strain
- Theories of nonlinear mechanics
- Applications of nonlinear mechanics

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 - *Nonlinear Mechanics***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	February 16th, 2017
Publication Date	April 2017

Guest Editors:
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