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Special Issue on Solid Mechanics and Its Applications

Call for Papers

Solid mechanics is the branch of continuum mechanics that studies the behavior of solid materials, especially their motion and deformation under the action of forces, temperature changes, phase changes, and other external or internal agents.

Solid mechanics is fundamental for civil and mechanical engineering, for geology, and for many branches of physics such as materials science. It has specific applications in many other areas, such as understanding the anatomy of living beings, and the design of dental prostheses and surgical implants. One of the most common practical applications of solid mechanics is the Euler-Bernoulli beam equation. Solid mechanics extensively uses tensors to describe stresses, strains, and the relationship between them.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Solid Mechanics and Its Applications**.

Authors should read over the journal's **Authors' Guidelines** carefully before submission, Prospective authors should submit an electronic copy of their complete manuscript through the journal **Paper Submission System**.

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue — Solid Mechanics and Its Applications**" should be chosen during your submission.

According to the following timetable:

Manuscript Due	July 30th, 2013
Publication Date	August 2013

Special Issue Editor

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