Special Issue

Modern Numerical and Experimental Methods for Mechanics of Material

Message from the Guest Editor

As you are expert in the field of mechanics, we bring to your attention the opportunity to publish an article in a Special Issue of the journal *Materials*, which will be devoted to the field of modern numerical and experimental methods in the mechanics of materials. The Special Issue will be oriented towards the numerical methods of mechanics; in particular, finite element method, shell theory, plasticity, continuum mechanics, metamaterials, and nanostructures. The scope of interest will include rheological models, thermo-mechanical constitutive response of materials, new mechanics concepts or new material mechanisms, mechanics of contact, adhesion and friction as well as application of computational and experimental methods in practice. From the experimental mechanics, we prefer to publish papers dealing with classical strain-gage measurements, contactless optical methods, measurement of residual stresses and so on. We would be delighted if you would kindly send us an article for this Special Issue, or if you would inform your colleagues working in this field about this Special Issue.

Guest Editor

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Deadline for manuscript submissions

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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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