# Special Issue

## Advances in Micro- and Nanomechanics

### Message from the Guest Editor

It is my pleasure to announce the launch of a new Special Issue of the journal *Nanomaterials* entitled "Advances in Micro- and Nanomechanics". This Special Issue is devoted to recent advances in both theoretical and experimental studies of a material behavior at the micrometer and nanometer sizes. The SI includes modeling within the various continuum and discrete models. In particular, such continuum models as the surface elasticity, strain and stress gradient elasticity, and other generalized models of continua and structures are invited. Discrete models as lattice and molecular dynamics are also included. In addition, the SI considers experimental studies of such materials and structures within modern experimental techniques. Both static and dynamic analysis as well as multifield coupling are in the scope of the SI.

### Guest Editor

Dr. Victor A. Eremeyev

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### Deadline for manuscript submissions

closed (30 November 2021)

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# About the Journal

## Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

## Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
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