

Call for Papers

Special Section on

Nano- and Micromechanics

Theme. Progress in today's micro- and nanotechnologies is closely related to the progress in micro- and nanomechanics. Miniaturization, which makes it possible to achieve the highest measurement resolution and measurement sensitivity associated with the high throughput, involves development of new fabrication technologies. However, implementation of new fabrication scenarios is possible only when the basic nano- and micromechanical phenomena at micro- and nanoscale are analyzed and precisely understood. Therefore, we invite researchers working in this area to submit their papers with the latest results to this Special Section. Topics of interest include (but are not limited to) the following issues:

- nanomechanics and micromechanics theory, computational methods and modelling
- thermodynamics, microfluidics and nanofluidics
- NEMS, MEMS, and MEOMS technology
- nanoelectronics, nanophotonics, nanomagnetism
- biomicromechanics and bionanomechanics
- biotechnology and bioengineering
- experimental methods and metrology

Manuscript preparation and submission

All manuscripts must be submitted through Editorial System (ES) at webpage: <http://www.editorialsystem.com/bpasts>. Submission must be clearly marked "Nano- and Micromechanics" in the ES (when choosing paper type, instead of Regular choose "Special issues / section paper" and select "Nano- and Micromechanics 2018 vol. 66") and on the cover page. Check carefully the style of the journal and use the template given in the "Information for Authors" on the website of ES. We encourage submissions that are based upon papers published at related conferences and in workshop proceedings. They may be submitted for consideration to BPASTS Special Section provided that: (1) the authors cite their earlier conference paper on which this new work is based, (2) the papers are not identical (similarity index must be below 50%), (3) the journal publication includes clearly shown novel elements (e.g., more comprehensive experiments).

Important dates

- full paper submission deadline: October 30 2017
- expected publication date: April 2018

Guest Editors:

- Prof. Ivo W. Rangelow, Ilmenau University of Technology, Germany
- Prof. Tomasz A. Kowalewski, Institute of Fundamental Technological Research, Polish Academy of Sciences, Warsaw, Poland
- Prof. Anna Kucaba-Piętal, Rzeszow University of Technology, Poland
- Prof. Teodor Gotszalk, Wrocław University of Science and Technology, Poland

Editor-in-Chief

- Prof. Tadeusz Kaczorek, Full Member of the Polish Academy of Sciences