

## Special Issue

# Physics and Mechanics of New Materials and Their Applications 2019

### Message from the Guest Editors

The present Special Issue aims to explore new trends in physics and mechanics of new materials and their applications. A certain number of contributions for this Special Issue will come from selected papers of PHENMA 2019 Hanoi, the 8th “International conference on Physics and Mechanics of New Materials and Their Applications”. <http://phenma2019.math.sfedu.ru/>

Topics of interest (among others) include:

**Materials:** ferro-piezoelectrics, semiconductors, superconductors, environmental materials, medical materials, composite, ceramics, thin films, etc.;

**Synthesis & Processing:** powder processing, processing technologies, piezoelectric technologies, MEMS-processing, etc.;

**Characterization and Research Methods:** microstructure properties, physical properties, etc.;

**Applications:** MEMS, heterostructures, piezotransducers, superconductive devices, etc.;

**Energy Harvesting:** materials, methods and applications;

**Underwater Technologies:** underwater communication, marine engineering, etc.;

**Industry and Management:** CAD/CAM/CAE application, industrial instruments, etc.

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### Guest Editors

Prof. Dr. Ivan Anatolievich Parinov

Prof. B. Tien-Long

Prof. Dr. Shun-Hsyung Chang

Dr. Hung-Yu Wang

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**Deadline for manuscript submissions**



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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