

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.

Guest Editors

Prof. Dr. Ivan Anatolievich Parinov

Prof. B. Tien-Long

Prof. Dr. Shun-Hsyung Chang

Dr. Hung-Yu Wang



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/31427

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)