



Smart Materials from Biomedicine to Construction

Guest Editors:

Dr. Shima Taheri

Faculty of Science and
Engineering, Macquarie
University, Sydney, Australia

Dr. M. Asun Cantera

Mechanical Engineering
Department,
Materials+Technologies /
Mechanics of Materials
(MECMAT), UPV/EHU University
of the Basque Country

Dr. Lucian Pîslaru-Dănescu

National Institute for R&D in
Electrical Engineering ICPE-CA,
Bucharest, Romania

Message from the Guest Editors

This Special Issue will cover original experimental and applied research on smart materials (e.g., chemoresponsive, polymers, self-healing, shape memory, magnetostrictive, piezoelectric, and ferroelectric) with practical applications. The scope covers smart materials for a range of disciplines and industries from biomedical to energy, automotive, electronics, advanced manufacturing, aerospace, marine, and construction.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Manuscripts will be welcomed from both academic researchers and authors from industry involved in the field.

Deadline for manuscript
submissions:

closed (31 May 2021)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)