





an Open Access Journal by MDPI

Numerical Modeling and Mechanical Properties Analysis for Metallic and Composite Materials and Structures

Guest Editor:

Dr. Maria Amélia Ramos Loja

1. CIMOSM, ISEL—Centro de Investigação em Modelação e Optimização de Sistemas Multifuncionais, Instituto Superior de Engenharia de Lisboa, Av. Conselheiro Emídio Navarro 1, 1959-007 Lisboa, Portugal 2. IDMEC IST—Instituto de

2. IDMEC, IST—Instituto de Engenharia Mecânica, Instituto Superior Técnico, Universidade de Lisboa, Avenida Rovisco Pais 1, 1049-001 Lisboa, Portugal

Deadline for manuscript submissions: **closed (20 June 2024)**

Message from the Guest Editor

Dear Colleagues,

The numerical modeling of materials and structures comprehends a wide scope of approaches and techniques that may have the goals of characterizing the performance of structures, focusing on the engineering/reengineering of materials to improve their properties, or even aiming to join these latter aspects in a synergic manner, to give just some possible illustrative examples.

Accordingly, this Special Issue in *Applied Sciences* adopts this wide scope and covers all these fields and other closely related, in the context of composite and/or metallic materials and structures.

If you find your work fits within this scope, we strongly encourage you to submit your manuscript. We welcome your valuable collaboration.











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola CerulloDipartimento 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 - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us