



Innovative Technologies and Materials for Coatings and Surface Treatments

Guest Editor:

Prof. Dr. Stefano Guarino

Faculty of Engineering, University
of Rome 'Niccolò Cusano', Via
Don Carlo Gnocchi 3, 00166
Rome, Italy

Deadline for manuscript
submissions:

closed (31 August 2021)

Message from the Guest Editor

Dear Colleagues,

The need to obtain components with high quality and performance and excellent functional properties is a critical focus which is common to many industrial and technological domains.

This Special Issue aims to collect scientific contributions on new technologies, manufacturing processes, and materials for high-performance coatings and surface treatments. Scientific contributions can be focused on conventional and unconventional manufacturing processes, new materials for high-performance coatings or surface treatments and/or for surface functionalization. Furthermore, characterization methods and computational approaches for modeling the manufacturing process and material properties (such as numerical simulations, mathematical modelling, optimization, control, etc.), and contributions with environmental impact analysis (LCA) are of interest.

For more information, please click the following link:

https://www.mdpi.com/journal/materials/special_issues/Innovati

Prof. Dr. Stefano Guarino
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

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

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

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)