

Special Issue

Special Issue of the Manufacturing Engineering Society 2021 (SIMES-2021)

Message from the Guest Editors

The main objective of the “Special Issue of the Manufacturing Engineering Society 2021 (SIMES 2021)” is to publish outstanding papers presenting cutting-edge advances in the field of Manufacturing Engineering, focusing on materials processing, as well as on experimental and theoretical results within applied sciences. The Special Issue aims to explore the evolution of traditional manufacturing models toward the new requirements of the Manufacturing Industry 4.0 and how manufacturing professionals should face the resulting competitive challenges in the context of an ever-increasing use of digital information systems and communication technologies. Contributions on emerging methods and technologies such as those related to additive manufacturing will have special relevance within this Special Issue, as well as those where sustainability and environmental issues play a fundamental role in manufacturing

Guest Editors

Prof. Dr. Álvaro Rodríguez-Prieto

Department of Manufacturing Engineering, Universidad Nacional de Educación a Distancia, Juan del Rosal 12, E28040 Madrid, Spain

Dr. Francisco Javier Trujillo Vilches

Department of Manufacturing Engineering, University of Malaga, C/ Dr. Ortiz Ramos s/n, 29071 Málaga, Spain

Deadline for manuscript submissions

closed (15 January 2022)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 5.8
Indexed in PubMed



mdpi.com/si/97349

Materials

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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





Materials

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 5.8
Indexed in PubMed



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



About the Journal

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.

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

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 - Q1 (Metallurgy and Metallurgical Engineering) /
CiteScore - Q2 (Condensed Matter Physics)