

Special Issue

Numerical and Experimental Investigations in Metal Forming

Message from the Guest Editors

This Special Issue on Numerical and Experimental Investigations in Metal Forming aims to provide the most recent advances and to identify directions both in experimental and in numerical research related to manufacturing processes of metallic materials. The covered topics will be of major interest to scientists and professionals working at universities, research institutes, laboratories and industries concerned with established and novel manufacturing methodologies using conventional and emerging materials. A continuous significant progress has been seen in recent years through advances in metal-forming technologies and processes. Nevertheless, there still exists a need for higher-accuracy, robust, and reliable modeling in order to yield better control of manufacturing processes for superior products, thus making a collaborative approach among numerical analysts, material scientists, and industrial researchers essential in order to address the present and future challenges facing the metal forming industry. It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are welcome.

Guest Editors

Dr. Abel Dias dos Santos

Department of Mechanical Engineering, Faculty of Engineering,
University of Porto, 4200-465 Porto, Portugal

Prof. Dr. José César de Sá

Mechanical Department, Faculty of Engineering, University of Porto,
4200-465 Porto, Portugal

Deadline for manuscript submissions

closed (10 January 2022)



Materials

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/47582

Materials
Editorial Office
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 3.2
CiteScore 6.4
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 - Q2 (Metallurgy and Metallurgical Engineering) /
CiteScore - Q1 (Condensed Matter Physics)