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Forming Technologies and Mechanical Properties of Advanced Materials - 2nd Volume

Guest Editors:

Dr. Tomasz Trzepieciński
Department of Manufacturing Processes and Production Engineering, Rzeszow University of Technology, Al. Powst. Warszawy 8, 39-959 Rzeszów, Poland

Prof. Dr. Valentin Ştefan Oleksik
Faculty of Engineering, Lucian Blaga University of Sibiu, 550024 Sibiu, Romania

Dr. Sherwan Mohammed Najm
Kirkuk Technical Institute, Northern Technical University, Kirkuk 36001, Iraq

Deadline for manuscript submissions:
closed (10 June 2025)

Message from the Guest Editors

It is a great honor to serve as the Guest Editor of a Special Issue of *Materials* that focuses on *Forming Technologies and Mechanical Properties of Advanced Materials* (2nd edition). I am pleased to inform you of the opportunity to submit a research or review paper to this Special Issue.

The plastic working of metallic and polymeric materials is today's 'most efficient and important manufacturing technology in industry. Lightweight materials, such as titanium alloys, aluminium alloys, ultra-high-strength steels, composites and polymers, are extensively used in automotive, aerospace, transportation, and construction industries, leading to increasing demand for advanced innovative forming technologies.

The aim of this Special Issue is to present the latest achievements in various modern forming processes and the latest research related to the computational methods for forming technologies. Research articles that focus on new developments in the formation of advanced materials are welcome for consideration of publication.

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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.

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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materials@mdpi.com
𝕏@Materials_Mdpi