



State-of-the-Art Manufacturing and Material Processing in Canada

Guest Editors:

Prof. Dr. Mohamed Elbestawi

Department of Mechanical
Engineering, McMaster
University, Hamilton, ON L8S 4L7,
Canada

Prof. Dr. René Mayer

Mechanical Engineering
Department, Polytechnique
Montréal, Station Downtown,
P.O. Box 6079, Montréal, QC H3C
3A7, Canada

Deadline for manuscript
submissions:
closed (15 October 2021)

Message from the Guest Editors

Dear Colleagues,

The manufacturing sector represents over 10% of Canada's total GDP and is a leading investor in research and development. Innovation and the development and diffusion of new technologies are key requirements for today's advanced manufacturing.

This Special Issue aims to highlight and publish high-quality recent activities in research and development in the field of advanced manufacturing in Canada. Topics of interest include, but are not limited to, the following:

- Material processing processes;
- Additive manufacturing;
- Assembly;
- Metrology;
- Machines and sensors;
- Applications of artificial intelligence in advanced manufacturing;
- Industry 4.0;
- Manufacturing systems and optimization.

Prof. Dr. Mohamed A. Elbestawi

Prof. Dr. René Mayer

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steven Y. Liang

George W. Woodruff School of
Mechanical Engineering, Georgia
Institute of Technology, Atlanta,
GA 30332-0405, USA

Message from the Editor-in-Chief

Journal of Manufacturing and Materials Processing (JMMP) (ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP*.

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

High Visibility: indexed within **Scopus**, **ESCI (Web of Science)**, **Inspec**, **CAPlus / SciFinder**, and **other databases**.

Journal Rank: CiteScore - Q1 (*Mechanical Engineering*)

Contact Us

*Journal of Manufacturing and
Materials Processing* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/jmmp
jmmp@mdpi.com
[X@JMMP_MDPI](https://twitter.com/JMMP_MDPI)