

Special Issue

Advances in Micro-Milling, 2nd Edition

Message from the Guest Editors

With the increasing demand for micro-structures/parts in aerospace, biomedical, microelectronics and other industries, micro-milling technology, which uses a high-frequency spindle together with cutting tools with diameters smaller than 1 mm, has become common because of its machining accuracy and machining capabilities. This Special Issue is devoted to advances in the scientific understanding of micro-milling, mainly in metals, but also in composites, ceramics and other structural/functional materials. We welcome research papers, short communications, and review articles that focus on the research, design, manufacture, performance validation, and application of high-precision machining, including fundamental and applied research and development in micro-milling processes and advanced measurement science. The scope includes micro-milling systems and supporting metrology at the microscale.

Guest Editors

Prof. Dr. Xiaohong Lu
Dr. Man Zhao
Dr. Yixuan Feng

Deadline for manuscript submissions

closed (30 March 2024)



Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/166019

Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

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





Micromachines

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Ai-Qun Liu

Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, dblp, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Mechanical Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).