# Special Issue

# 3D Printing of MEMS Technology

### Message from the Guest Editor

3D printing belongs to the emerging technologies of our time. While previously mostly used for rapid prototyping, the technology has long entered rapid production, especially for complicated objects or small lot sizes. Most recently, new 3D printing technologies enable printing smallest features on micro- or even nano-scales. At the same time, well-known problems like the waviness of fused deposition modeling (FDM) printed parts, the missing long-term stability of some typical printing materials or reduced mechanical properties of 3D printed objects still exist. This special issue focusses on all topics dealing with 3D printing of micro-electro-mechanical systems (MEMS), such as new or advanced features enabled by 3D printing as compared to conventional technologies, but also the still existent challenges of using 3D printing technologies for MEMS and new approaches how to overcome them.

### Guest Editor

Prof. Dr. Andrea Ehrmann

Bielefeld University of Applied Sciences, Faculty of Engineering and Mathematics, Institute for Technical Energy Systems (ITES), Interaktion 1, 33619 Bielefeld, Germany

### Deadline for manuscript submissions

closed (31 December 2020)

**Micromachines**

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed

mdpi.com/si/34108

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

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

# 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
1. Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China
2. School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore 639798, Singapore

## 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).

MDPI