

## Special Issue

# Advances in MEMS Magnetics for Emerging Applications

### Message from the Guest Editors

The purpose of this call for a Special Issue in *Micromachines* is to assemble some of the recent works on MEMS magnetics. We hope to provide a collective resource for researchers and experts in the field as well as the broader scientific community.

Therefore, we welcome contributions in the form of regular research papers, short communications, and review articles on all aspects of the four abovementioned topics, including but not limited to:

- Developments of MEMS/NEMS magnetic devices for emerging applications, including but not limited to integrated power electronics, wireless power transfer, implants, and biomedical applications.
- Design and modeling of novel MEMS/NEMS magnetic devices.
- Novel magnetic materials ranging from nanoparticle and composite to thin-film architectures.
- Novel integrated passive devices, such as inductors and transformers.
- MEMS magnetics for sensors, actuators, and energy harvesters.
- Process and packaging technology of magnetic materials towards CMOS-compatible integration.

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### Guest Editors

Dr. Hoa Thanh Le

Department of Mechanical Engineering, Technical University of Denmark, 2800 Kgs. Lyngby, Denmark

Dr. Ziwei Ouyang

Department of Electrical Engineering Electronics, Technical University of Denmark, 2800 Kgs. Lyngby, Denmark

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### Deadline for manuscript submissions

closed (15 August 2022)



## Micromachines

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Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



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

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## 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.

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### Editor-in-Chief

Prof. Dr. Nam-Trung Nguyen

Queensland Quantum and Advanced Technologies Research Institute,  
Griffith University, West Creek Road, Nathan, QLD 4111, Australia

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