



MFHS 2019

Guest Editor:

Prof. Dr. Joost Lötters

1. Integrated Devices and
Systems (IDS), University of
Twente, 7500 AE Enschede, The
Netherlands

2. Bronkhorst High-Tech BV,
Nijverheidsstraat 1A, 7261 AK
Ruurlo, The Netherlands

Deadline for manuscript
submissions:

closed (31 March 2020)

Message from the Guest Editor

Dear Colleagues,

This Special Issue will publish both selected papers from the 4th International Conference on Microfluidic Handling Systems (www.mfhs2019.org, 2–4 October, 2019, Enschede, The Netherlands) and external contributions. The conference focuses mainly on the technology, components, devices and systems that enable the application in microfluidic systems. We invite submission of papers on systems and devices for accurate handling (e.g., analysis, dosing, measurement and control) of (extremely) small mass flow rates of both gases and liquids, and corresponding measurement and control principles, including but not limited to:

- Thermal, ultrasonic, Coriolis and other principles for flow measurement
- Piezo-electric, electromagnetic, electrostatic and other principles for flow control
- Electronic instrumentation, closed loop control systems
- Innovative methods in calibration equipment and methodology
- Micro- and nanomachining, 3D printing and other fabrication technologies
- Device or wafer level characterization, packaging and testing
- Application proposals





Editor-in-Chief

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.

Author Benefits

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

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

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q2 (*Mechanical Engineering*)

Contact Us

Micromachines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/micromachines
micromachines@mdpi.com
[X@micromach_mdpi](https://x.com/micromach_mdpi)