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Micro-Nano Systems Technology and Micro-Nano Intelligent Manufacture

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Message from the Guest Editors

The goal of this Special Issue is to highlight the recent progresses on advanced micro- and nano systems as well as their intelligent manufacture with emphasis on applications in health care, environment, food industry and energy, electronics communications, among others. Of special interest is research work addressing real-time and continuous signal processing and detection, modelling and simulation in micro and nano systems, microfabrication principles and techniques, MEMS sensors and actuators fabrication and applications, on-chip networks and network-on-chip (NoC), microfluidic- and nanofluidic devices.

It is solicited submissions of both original research papers and review articles for this special issue.

Keywords

- Design principles and fabrication techniques of micro- and nano systems
- MEMS sensors and actuators
- Lab on chip devices
- Microfluidics and nanofluidics
- Signal processing and detection based on integrated micro- and nano systems
- Modelling and simulation in micro and nano systems
- Heat & mass transfer in micro and nano systems

Deadline for manuscript
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Special Issue



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Message from the Editor-in-Chief

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