

## Special Issue

# MEMS Resonators and Sensors

### Message from the Guest Editors

Microelectromechanical systems (MEMS) are increasingly vital in sectors like automotive and aerospace, with growing demand for compact, energy-efficient resonators used in frequency control, sensing, and filtering. While MEMS technology enables detection of displacement, pressure, and temperature, further performance gains are limited by the maturity of current designs and components. This Special Issue focuses on advancing MEMS resonators and sensors through innovative design, dynamic analysis, operation methods, and modelling. Contributions may include theoretical, computational, or experimental studies across topics such as device design, applications, control strategies, and performance enhancement. It aims to engage researchers and engineers working to push the boundaries of MEMS technology.

### Guest Editors

Dr. Stewart McWilliam

Department of Mechanical, Materials and Manufacturing Engineering,  
University of Nottingham, Nottingham NG7 2RD, UK

Dr. Davin Arifin

Department of Mechanical, Materials and Manufacturing Engineering,  
University of Nottingham, Nottingham NG7 2RD, UK

### Deadline for manuscript submissions

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## Sensors

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

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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