

Special Issue

Editorial Board Members' Collection Series: Advanced Sensing and Imaging Technologies

Message from the Guest Editors

Sensing and imaging technologies are pervasive in many scientific fields and applications since they enable us to measure and view the world around us at scales ranging from the nanoscopic to the astronomical. Rapid advances in terms of sensitivity, resolution, speed, and signal processing are allowing ever more complex problems and challenges, such as study of dynamic biological processes, single molecule sensing, imaging in scattering and in-vivo environments and remote environmental monitoring, to be approached. This Special Issue, organized by invited members of the editorial board of the Sensing and Imaging section, will collect together the latest scientific achievements in advanced sensing and imaging technologies and their applications. We cordially invite contributors to submit original research articles, and reviews on all aspects of these fields. This includes, but is not limited to, novel sensing platforms or imaging instruments, bio- and physical sensors, imaging in scattering media, superresolution, multimodal or computational imaging methods and associated machine learning algorithms.

Guest Editors

Dr. Zahid Yaqoob

Laser Biomedical Research Center, G. R. Harrison Spectroscopy Laboratory, Massachusetts Institute of Technology, Cambridge, MA 02139, USA

Dr. Matthew Foreman

Faculty of Natural Sciences, Department of Physics, Blackett Laboratory, Imperial College London, London SW7 2BW, UK

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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.

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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