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

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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.



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Special Issue



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Message from the Editor-in-Chief

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