

Special Issue

Applications of Spectroscopic Chemical Sensing in Challenging Environments

Message from the Guest Editors

This Special Issue of *Sensors* will be dedicated to spectroscopic sensing for the identification of chemical components or the quantitative measurement of their concentration in challenging environments. Challenging environments include industrial and environmental settings, biomedical situations, planetary or other space fields, remote sensing determinations, harsh environments, or other environments that present measurement challenges. Spectroscopic sensors are those that rely on fundamental spectroscopic characteristics of a sample, such as infrared, Raman, electronic absorption, fluorescence, multiphoton, or wave mixing, microwave, THz, x-ray, nuclear, NMR, or other characteristics. Processing techniques will also be considered. Papers on miniaturization, integrated or compressed sensing, reduction of dimensions, and extensions to higher dimensions are encouraged. For more information, please visit: mdpi.com/si/27283

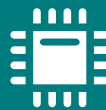
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Deadline for manuscript submissions

closed (31 December 2020)



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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

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