

Special Issue

Detection and Feature Extraction in Acoustic Sensor Signals-2nd Edition

Message from the Guest Editors

Acoustic sensors have a wide range of applications in many fields, including underwater acoustics, architectural acoustics, physical acoustics, environmental acoustics, psychoacoustics, and so on. The signals collected by acoustic sensors contain a large amount of valid information that facilitates further processing of the collected acoustic signals. In particular, detection and feature extraction, as two important measures of acoustic sensor signal processing, can capture more information about the target and extract features with separability. Various trends indicate that detection as well as feature extraction play an increasingly important role in the processing of acoustic sensor signals, and presentations of the latest methods for acoustic signal detection or feature extraction are welcome for submission to this Special Issue, such as the application of stochastic resonance in vibration signals, nonlinear feature extraction of underwater acoustic signals, and so on. We encourage all authors working on similar topics to submit their work to this Special Issue. Equally welcome are contributions from any field of acoustic sensors with applications in real-world data.

Guest Editors

Dr. Yuxing Li

School of Automation and Information Engineering, Xi'an University of Technology, Xi'an 710048, China

Dr. Luca Fredianelli

Institute of Chemical and Physical Processes of National Research Council, Via G. Moruzzi 1, 56124 Pisa, Italy

Deadline for manuscript submissions

closed (31 May 2024)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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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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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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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