

## Special Issue

# Speech, Acoustics, Audio Signal Processing and Applications in Sensors

### Message from the Guest Editor

This Special issue aims to present the development of novel speech/acoustic signal processing methods in which signals are collected either from a specific arrangement of sensors or a fusion of sensors of different types. This Special Issue aims to cover some of the possibilities that multi-microphone or multimodal sensors are combined with, at a high level, i.e., advanced artificial intelligences for audio understanding and detection.

#### Keywords

- Microphone array speech/acoustic signal processing
- Multi-sensor speech/acoustic signal processing
- Deep learning-based speech/speaker recognition via the use of sensors
- Source localization in 3D spaces
- Multi-mic-based audio event detection/scene classification
- Real-time speech and audio processing when multi-sensors are used
- New structure of deep neural network in handling multi-mic signals

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### Guest Editor

Prof. Dr. Joon-Hyuk Chang

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### Deadline for manuscript submissions

closed (29 February 2020)



## Sensors

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## About the Journal

### 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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