



Speech, Acoustics, Audio Signal Processing and Applications in Sensors

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Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Joon-Hyuk Chang
Guest Editor

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





sensors



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Message from the Editor-in-Chief

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