

Special Issue

Future Speech Interfaces with Sensors and Machine Intelligence

Message from the Guest Editors

The Special Issue “Future Speech Interfaces with Sensors and Machine Intelligence” strives to assemble, in a single volume, contributions from a wide range of speech-related fields, in order to broaden the scope of research in future speech interfaces, and profit from the cross-fertilization of bringing together ideas from disparate domains. Contributions are solicited in the fields of:

- Multimodal and silent speech interfaces;
- Articulatory-to-acoustic mapping via “direct synthesis” or “recognition and synthesis”;
- Lip reading applications;
- Novel acoustic and non-acoustic sensors for speech processing;
- Interfaces for enhanced speech inclusivity;
- Advanced machine learning techniques for future speech interfaces;
- Generative Adversarial Networks in speech research;
- Neural Vocoder for future speech interfaces;
- Current state of the art in speech-based man-machine interfaces;

Guest Editors

Dr. Tamás Gábor Csapó

Dr. Michael Wand

Prof. Dr. Bruce Denby

Deadline for manuscript submissions

closed (10 September 2022)



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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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