Future Speech Interfaces with Sensors and Machine Intelligence

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Deadline for manuscript submissions:
closed (10 September 2022)

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 Vocoders for future speech interfaces;
- Current state of the art in speech-based man-machine interfaces;

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Special Issue

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Message from the Editor-in-Chief

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