

Special Issue

Intelligent Speech and Acoustic Signal Processing

Message from the Guest Editor

Speech and acoustic signals are one of the most natural modalities that carry important information from/to people. In the last decade, machine learning techniques have greatly enhanced the performance of speech and acoustic signal processing, while traditional signal processing approaches still provide values especially in areas with limited resources. This Special Issue is dedicated to recent advances in the intelligent speech and acoustic signal processing with signal processing and/or machine learning approaches in the vast area including but not limited to speech / speaker / language / emotion / prosody recognition, speech synthesis, far-field acoustic signal processing, speech enhancement, acoustic echo cancellation, source localization, spoken term detection, keyword detection, active noise cancellation, language processing, forensics/security/privacy/obfuscation, spoken language understanding, and music analysis and processing. **Keywords:** Speech signal processing; Acoustic signal processing; Microphone array processing; Language processing; Machine learning; Statistical signal processing;

Guest Editor

Prof. Jong Won Shin

School of Electrical Engineering and Computer Science, Gwangju Institute of Science and Technology (GIST), Gwangju 61005, Korea

Deadline for manuscript submissions

closed (20 August 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/34211

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)