

## Special Issue

# Advances in Speech and Language Processing

### Message from the Guest Editors

Speech and language processing techniques play an important role in current intelligent interaction systems. As one of the most attractive research fields in artificial intelligence, this field has witnessed a rapid growth in recent years. On the one hand, new applications emerge to meet the requirements of users, such as smart agents, voice driving direction, etc. On the other hand, inspired by the deep learning techniques, novel algorithms are proposed to solve the complicated problems occurring in the real world. These applications and algorithms deeply reshape our way of human-computer interactions. The purpose of this Special Issue is to present the advanced research in the field of speech and language processing. Papers that address innovative applications and algorithms related to speech and language processing are welcome for this issue. **Keywords:** speech recognition; speech synthesis; speech enhancement; speech diarization; speaker recognition and verification; multimodal learning in speech applications; machine learning for CL/NLP; natural language generation; machine translation

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### Guest Editors

Dr. Ying Shen  
Dr. Cunhang Fan  
Dr. Ya Li

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### Deadline for manuscript submissions

closed (30 November 2023)



## Applied Sciences

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### 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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