

Special Issue

Speech Recognition and Natural Language Processing

Message from the Guest Editors

Speech Recognition (SR) and Natural Language Processing (NLP) have emerged as two of the most transformative fields in artificial intelligence. This Special Issue provides a platform for scholars and practitioners to disseminate their cutting-edge research findings, methodologies, and insights, fostering collaboration and driving progress in this dynamically progressive field. Topics of interest include, but are not limited to, the following:

- Automatic Speech Recognition (ASR) systems;
- Natural Language Understanding (NLU) and interpretation;
- Speech synthesis and generation;
- Sentiment analysis and opinion mining;
- Dialogue systems and conversational interfaces;
- Machine translation and cross-lingual NLP;
- Voice user interfaces (VUIs) and intelligent assistants;
- Language modeling and representation learning;
- End-to-end speech-to-text and text-to-speech systems;
- Speech and language applications.

We invite original research contributions, review articles, case studies, and surveys that advance the state of the art in Speech Recognition and NLP.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2025)



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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

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