

## Special Issue

# Machine Learning and Deep Learning in Speech Recognition

### Message from the Guest Editor

Speech recognition has been researched for more than 50 years, and recently, machine learning methods, especially deep learning, has caused breakthroughs in the field. Technology continues to be improved rapidly at this moment. Therefore, this Special Issue intends to present new ideas and experimental results in speech recognition and other speech-related engineering technologies, from design, service, and theory to their practical uses. Areas relevant to speech recognition include, but are not limited to, robust speech recognition in adverse environments; speech enhancement; recognition of speaker, emotion, or health conditions; technology for disordered speech; spoken machine translation; speech embedding; network architecture; and anti-spoofing detection. This Special Issue will publish high-quality, original research papers and surveys of recent methods.

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### Guest Editor

Prof. Dr. Ha-Jin Yu

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### Deadline for manuscript submissions

closed (20 September 2023)



## Applied Sciences

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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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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