

## Special Issue

# Speaker and Emotion Intelligence: Advances in Analysis and Recognition

### Message from the Guest Editors

Speech plays a crucial role in human communication. Recent advances in artificial intelligence, deep learning, and signal processing have significantly improved speaker and emotion recognition systems. However, challenges such as variability in speech characteristics due to aging and health conditions, cross-lingual adaptation, noisy environments, and real-time processing still require innovative solutions. Additionally, thorough research on integrating two distinct yet complementary domains of speech signal processing—speaker recognition and emotion recognition—could lead to significant advancements in the field.

This Special Issue will collect high-quality research on cutting-edge developments in speaker and emotion recognition. Topics of interest include, but are not limited to, novel deep learning architectures, self-supervised and unsupervised learning techniques, multimodal approaches, dataset augmentation strategies, and applications in areas such as healthcare, security, and human–computer interaction. We also welcome relevant review papers that provide insights into recent trends and future directions in this evolving field.

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### Guest Editors

Dr. Maroš Jakubec

Dr. Eva Lieskovská

Dr. Roman Jarina

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### Deadline for manuscript submissions

20 September 2025



## Applied Sciences

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*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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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  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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