

## Special Issue

# Computational Linguistics: From Text to Speech Technologies, 2nd Edition

### Message from the Guest Editor

In recent years, advancements in machine learning, natural language processing, artificial intelligence, and speech synthesis have revolutionized how we communicate with other humans and language-based systems. From virtual assistants to language translation tools, the capabilities of these technologies continue to expand, offering new possibilities for communication, accessibility, and innovation. This Special Issue serves as a platform for the exploration of the latest research, methodologies, and applications that are driving the development of various text-to-speech technologies, such as automatic speech recognition, machine interpreting, speech translation, and speech-to-text software, among others. We invite research studies based on neural network architectures, large language models, linguistic modeling, AI-driven systems, and the intersection of linguistics and computer science (including multilingual communication). We also encourage authors to address challenges in the deployment of text-to-speech technologies in practical applications, low-resource languages, and specific domains.

### Guest Editor

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### Deadline for manuscript submissions

20 January 2026



## Applied Sciences

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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