

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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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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