



Developments in Acoustic Phonetic Research

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Message from the Guest Editor

Acoustic phonetics makes invaluable theoretical and practical contributions to the understanding of human speech. Furthermore, the practical applications of acoustic phonetics are extensive. They inform effective speech therapy interventions, optimize language teaching and pronunciation training, enhance speech technology and human–computer interaction, facilitate forensic analysis and speaker identification, and contribute to the development of innovative assistive technologies.

The thematic areas of the volume include but are not limited to the acoustic analysis of first or second language sounds or prosody, crossdialectal comparison of acoustic features, acoustic analysis of speech in difficult listening conditions, acoustic characteristics of speech in atypical populations, role of acoustic cues in the perceptual categorization and discrimination of nonnative speech sounds, use of artificial intelligence for predicting speech perception patterns based on acoustic cues, factors that determine the acoustic characteristics of speech, and developmental changes in the acoustic properties of speech, among others.

