



Advances in Hearing Simulations and Hearing Aids

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Message from the Guest Editors

We are inviting submissions to this Special Issue entitled Advances in Hearing Simulations and Hearing Aids. In recent years, hearing aids have been developed in terms of the devices used and the way signals are processed. Conventionally, hearing aids have worked by presenting air-conducted sound using an earphone; however, some recently developed devices present bone- or cartilage-conducted sounds for patients who cannot use the existing hearing aids on the market, and these devices are implanted into the skull bone and inner ear after operative treatments. In terms of the effectivity of these devices, it is difficult to simulate or evaluate the output sound or objective response. Therefore, this Special Issue will collect studies concerning simulation techniques or psychoacoustical tests used to evaluate outputs from various types of hearing aids. In addition to such hearing simulations, we welcome research that considers the hot topic of signal processing being mounted in hearing aids (i.e., noise cancellation, Bluetooth, and AI adapting to situations).





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Message from the Editor-in-Chief

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