

Special Issue

Spatial Audio Technology, Acoustical Science and Applied Psychoacoustics

Message from the Guest Editor

We encourage submissions that report on research and development of headphone-based VAD systems for head-tracking virtual and augmented reality applications. With the advent of real-time user interaction made available by VAD systems that support the user's active localization of virtual sound sources, an avenue has been opened for enabling more productive research and development of spatial audio processing that exhibits more optimized use of head-related transfer functions (HRTFs). This call for submissions seeks to collect reports on research results that have demonstrated the advantages of such real-time user interaction with displayed virtual sound sources, which includes the listener's adaptation to generic HRTFs, and also includes the personalization of customizable HRTFs employed by a VAD system for more optimal performance.

Guest Editor

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Deadline for manuscript submissions

closed (20 September 2022)



Applied Sciences

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Impact Factor 2.5
CiteScore 5.5



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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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