

Special Issue

Binaural Audition

Message from the Guest Editor

One of the generally more under-appreciated wonders of nature is that vertebrates make sense of the acoustic environment in which they are immersed through the utilization of just two listening antennae (ears). Human engineers would be (and are) more inclined to employ a two-dimensional array of antennae as a basis for analysing and understanding incident sound. Contributions are invited for a Special Issue of *Acoustics* on all aspects of Binaural Audition including: mathematical models; bio-physical models; human and animal experimental observations; binaural robotics; audio-reproduction; approaches to localization; binaural aspects of natural sonar systems (like those in bats, whales, dolphins, shrews); and, reviews. Also included are the spectral effects on acoustic signal entering the ear due to a so called, Pinna or Head Related Transfer Function which, whilst considered to be largely a monaural phenomenon, occurs in the context of binaural audition.

Guest Editor

Dr. Duncan Tamsett

Environmental Research Institute, North Highland College, University of the Highlands and Islands, Thurso KW14 7EE, Scotland, UK

Deadline for manuscript submissions

closed (31 December 2021)



Acoustics

an Open Access Journal
by MDPI

Impact Factor 1.2
CiteScore 2.6



mdpi.com/si/84697

Acoustics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
acoustics@mdpi.com

[mdpi.com/journal/
acoustics](https://mdpi.com/journal/acoustics)





Acoustics

an Open Access Journal
by MDPI

Impact Factor 1.2
CiteScore 2.6



[mdpi.com/journal/
acoustics](https://mdpi.com/journal/acoustics)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Jian Kang

UCL Institute for Environmental Design and Engineering, The Bartlett,
University College London, London WC1H 0NN, UK

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within ESCI (Web of Science), Scopus, and other databases.

Journal Rank:

CiteScore - Q2 (Acoustics and Ultrasonics)