

Special issue of *Acta Acustica* on “Audio for Virtual and Augmented Reality”

Call for papers



Guest editors

- Assist. Prof. Elke Deckers (Katholieke Universiteit, Leuven)
- Prof. Dr.-Ing. Malte Kob (Hochschule für Musik Detmold)
- Prof. Tapio Lokki (Aalto University)

Provisory time line

- Submission deadline: April 30, 2022
- First round of review: August 2022
- First papers published: September 2022

General: The special issue of *Acta Acustica* features a selection of recent research outcome related to the ITN project “VRACE – Virtual Reality Audio for Cyber Environments”. This multidisciplinary EU network aims to train early stage researchers in the audio part of virtual and augmented reality. The publications within this issue range from modelling of musical instruments and sound fields via the analysis of sound source propagation to perceptual aspects of head-related transfer functions.

Topics:

- Modeling of acoustic environments
- Modeling of sound excitation and radiation mechanisms
- Audio source separation techniques
- Psychoacoustic and audio-visual assessment
- Binaural rendering and HRTF modelling

Please submit your articles to the Special Issue via the submission system of *Acta Acustica* at: <https://www.editorialmanager.com/aacus/> before the 30th of April 2022.