Journal of the
AUDIO ENGINEERING SOCIETY
CALL for PAPERS
SPECIAL ISSUE
SONIFICATION

We are pleased to invite contributions to the Special Issue on Sonification to appear in the Journal of the Audio Engineering Society (**http://www.aes.org/journal/**).

Sonification research is an interdisciplinary field that includes audio engineering and digital signal processing, human-computer interaction, multimodal interaction and perception, sound design and aesthetics, computational modeling, as well as user experience design and investigation of accessibility. This special issue intends to give a thorough overview of the latest research conducted on hot topics in this area. We welcome unpublished research on—but not restricted to—the topics listed below:

- Accessibility;
- Aesthetics and affective computing in sonification;
- Ambient sonification;
- Human-computer interaction and user experience design in sonification applications;
- Interactive sonification;
- Interfaces or synthesis models for sonification design;
- Musical sonification;
- Participatory and co-design methodologies with or for audio;
- Psychoacoustic sonification design and analysis;
- Psychology, cognition, and perception of sonification;
- Signal processing, machine learning, and semantic analysis for sonification applications;
- Sonification and awareness;
- Sonification in augmented, mixed, and virtual reality and gaming;
- Sound and image interaction, from production to perception; and
- Virtual auditory display.

Submissions will be judged based on their academic quality, novelty, and relevance to the aforementioned topics. The call for papers is open for all. Additionally, we will particularly invite authors of excellent contributions to relevant conferences, such as the Interactive Sonification Workshop (ISon 2022) and the International Conference on Auditory Display (ICAD 2023) to submit revised and extended versions of their papers to this special issue.

GUEST EDITORS
Tim Ziemer (University of Hamburg, Hamburg, Germany)
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AUTHOR GUIDELINES

All submissions will be peer-reviewed according to standard JAES review procedures. We welcome original research and review papers as well as revised and expanded versions of conference papers addressing the theme of this special issue. Please follow the Author Guidelines found at **http://www.aes.org/journal/authors/guidelines/**. The normal page limit for JAES articles is ten pages. Papers should be submitted online at **http://www.aes.org/journal/submit/**. When submitting a manuscript, please choose the category "Special Issue (Sonification)" rather than Research Paper, Engineering Report, or Review Paper. JAES offers an open access (OA) publishing option to its authors.

This special issue is planned to be published in early 2024; therefore, a tight reviewing and revision schedule will be in place.

Submission Deadline: July 24, 2023
Planned Publication: Early 2024

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