# AES Europe 2023 Convention Program Schedule



The AES has released Technical Program details for the upcoming AES Europe 2023 Convention, being held at Aalto University, Espoo, Helsinki, Finland, May 13 – 15. To ensure attendees have the opportunity to review the full schedule to appreciate the breadth and scope of the Program, and secure the best value on all that the Convention has to offer, Early Bird pricing has been extended through April 3.

Contained in the Convention's schedule of Tech Program sessions and events are newly announced details on the full slate of research paper presentations, along with additional workshop details. The interactive online schedule also includes abstracts for all sessions.

A sampling of the audio research being presented during the 3-day program includes a look at "Advances in Perceptual Bass Extension for Music and Cinematic Content" (authors: Sunil G. Bharitkar, Ema Souza Blanes, Glenn Kubota and Ashish Rawat); an exploration of an acoustic navigation experiment in virtual reality in "Navigation of Virtual Mazes Using Acoustic Cues" (authors: Sebastia Vicenc Amengual Gari, Paul Calamia and Philip Robinson); discovery of innovations in aural training exercises in "Generating Melodic Dictations Using Markov Chains and LSTM Neural Networks" (authors: Emilia Stefanowska, Stanislaw Kacprzak and Piotr Ksiazek); learning about challenges and technologies in working with compact electronic devices in the session "Audio Capture Using Structural Sensors on Vibrating Panel Surfaces" (authors: Tre DiPassio, Michael Heilemann and Mark Bocko); and hearing about recreating inner auditory experiences in "Representing



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Inner Voices in Virtual Reality Environments” (authors: Kuura Parkkola, Thomas McKenzie, Jukka Häkkinen and Ville Pulkki).

38 of the 100+ Papers and Posters presentations are authored or co-authored by students representing many top universities and institutes. These include a diverse range of topics such as “Open-access 3D-printed adjustable microphone turntable” (Bogdan Ioan Bacila, University of Huddersfield, UK); “A New Method for HRTFs Interpolation based on Inverse Distance Weighting” (Valeria Bruschi, Università Politecnica delle Marche, Italy); “A Review of Literature in Critical Listening Education” (Stephane Elmosnino, University of Technology Sydney, Australia); “Plasma Organ – Improvement of Prototype” (Milosz Derzko, AGH University of Science & Technology, Poland); “Optimal Spatial Sampling of Plant Transfer Functions for Head-Tracked Personal Sound Zones” (Yue Qiao, Princeton University, USA); and “Inside The Quartet – A first-person virtual reality string quartet production” (Nils Meyer-Kahlen, Aalto University, Finland).

The AES Europe 2023 Convention also offers a robust program of student-focused sessions offering practical and career-oriented advice including “What I Wish I Knew (When Starting My Career)” and “What Does it Take to Become a Successful Audio Engineer?,” while student attendees are also encouraged to participate in Student Mix Critique sessions and the Sunday evening Student Party co-organized with Entropy – the electronic music cultural association of Student Union of Aalto University – to feature a rave room, jazz lounge and more.

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