

Session Program

8–12 Sept 2026

Forum Acusticum 2026

A06.02 Electroacoustics and transducers arrays

Wednesday 9 September

09:00

A06.02 Electroacoustics and transducers arrays: P431

Session | Location: Messe Congress Graz, Messehalle (Poster+Exhibition) | Conveners:
Marko Horvat, Manuel Melon, Thomas Gmeiner

09:00–12:00 An Open-Ear Clip-On Earbud Research Platform for Perceptual Studies

Speaker
Baptiste FOURRIER

09:00–12:00

Development and Numerical Simulation of Ultra-Open Multi-Driver Headphones for Individualized Binaural Reproduction

Speaker
Benjamin Pries

09:00–12:00

LoudPy : An Open-Source Python-Based Finite Element Tool for Electro-Vibroacoustic Loudspeaker Simulation

Speaker
Romain Degraeve

12:00

14:20

A06.02 Electroacoustics and transducers arrays: S038

Session | Location: Messe Congress Graz, Saal 11B | Conveners: Thomas Gmeiner, Manuel Melon

14:20–14:40 Crosstalk Reduction in Spherical Loudspeaker Arrays via Decoupled Enclosures

Speaker
Pierre Lecomte

14:40–15:00 Random phase arrays

Speaker
Juha Backman

15:00–15:20

Dual Personal Sound Zones Based on Low-Latency Real-Time Frequency- Domain FxLMS Adaptive Filtering

Speaker
Manuel Melon

15:20–15:40 Comparison of spatial microphone probes in room acoustic measurements

Speaker
Perttu Laukkanen

15:40–16:00 Element-wise Equalization of Line Arrays

Speaker
Lukas Gölles

16:00–16:20

Characterizing Reversible and Irreversible Stiffness Degradation in Loudspeaker Suspensions

16:20

Speaker
Louis Duparc