

Session Program

8–12 Sept 2026

Forum Acusticum 2026

A24.00 HRTF processing and modeling

Wednesday 9 September

15:00

A24.00 HRTF processing and modeling: P443

Session | Location: Messe Congress Graz, Messehalle (Poster+Exhibition) | Conveners: Lorenzo Picinali, Julie Meyer

15:00–18:00 Machine Learning Based Refinement of Synthetic HRTFs Toward Measured Fidelity

Speaker

Ludovic Pirard

18:00

16:20

A24.00 HRTF processing and modeling: S167

Session | Location: Messe Congress Graz, Saal 4 | Conveners: Julie Meyer, Lorenzo Picinali

16:20–16:40 HRTFPyKit: A Python Library for HRTF Research Workflows

Speaker

Jose J. Lopez

16:40–17:00 Nonlinear Harmonic Prediction and Compensation in HRTF Measurements

Speaker

Payman Azaripasand

17:00–17:20 Applicability of 3D-Scan Methods using Smartphones for HRTF Synthesis

Speaker

Benedikt Bugl

17:20–17:40

Listener Acoustic Personalisation Challenge LAP24: Perceptual Evaluation of HRTF Upsampling

Speaker

Fabian Brinkmann

17:40–18:00

Evaluating the Impact of Head-Worn Device Configurations on Spatial Hearing for Augmented Reality Applications

Speaker

Julie Meyer

18:00