

Session Program

8–12 Sept 2026

Forum Acusticum 2026

A15.00 Psychoacoustics

Tuesday 8 September

13:20

A15.00 Psychoacoustics: S106

Session | **Location:** Messe Congress Graz, Saal 12A | **Conveners:**
Kai Siedenburg, Piotr Majdak, Jan Rennies, Sarah Verhulst, Bernhard Laback

13:20–13:40

Association between psychophysical inferred cochlear response functions and loudness categorical data

Speaker

Jesko Verhey

13:40–14:00

Effect of interaural delay on fundamental frequency discrimination of harmonic complex tones

Speaker

Olivier Macherey

14:00–14:20

Tonal vs. Noise-Like Sharpness: An Individual Vocabulary Profiling Study

Speaker

Matt Torjussen

14:20–14:40

Just noticeable difference and absolute thresholds of psychoacoustic roughness for simple reference and complex drone signals

Speaker

Felix Hochbaum

14:40–15:00

Individual acoustic preference in self-assembled sleep soundscapes: a population-scale field study

Speaker

Stefan Schucker

15:00

14:00

A15.00 Psychoacoustics: P496

Session | **Location:** Messe Congress Graz, Messehalle (Poster+Exhibition) | **Conveners:**
Sarah Verhulst, Kai Siedenburg, Jan Rennies, Bernhard Laback, Piotr Majdak

14:00–17:00

Experimental Study on Impulse Characteristics Affecting Perceived Impulsiveness and Annoyance

Speaker

Felix Hochbaum

17:00

15:20

A15.00 Psychoacoustics: S268

Session | **Location:** Messe Congress Graz, Saal 12A | **Conveners:**
Kai Siedenburg, Sarah Verhulst, Piotr Majdak, Jan Rennies, Bernhard Laback

15:20–15:40

Psychoacoustic-based acoustic analysis recommendation based on the symbiose of domain knowledge and AI models

Speaker

Andreas Herweg

15:40–16:00

Exploring Binaural Beat Delivery via Silent Disco Headphones for Large Studies: A Dataset and Analysis**Speaker**

Kirsten van den Bosch

16:00–16:20

Auditory Function as a Potential Early Marker of Alzheimer's Disease: Preliminary Study**Speaker**

Julia Wesołowska

16:20–16:40

Listening effort in audiovisual matrix sentence tests: Evaluating the effect of virtual avatars**Speaker**

Chiara Visentin

16:40–17:00

Investigation of methods for assessing the audibility of warning sounds in train cabs: comparative analysis of perceptual testing and predictive indicators**Speaker**

Fabrice Aubin

17:00