

Session Program

8–12 Sept 2026

Forum Acusticum 2026

***A16.01 Design, Fabrication, Characterization and Perception
of Innovative Acoustic Surfaces***

Thursday 10 September

09:00

A16.01 Design, Fabrication, Characterization and Perception of Innovative Acoustic Surfaces: P483

Session | Location: Messe Congress Graz, Messehalle (Poster+Exhibition) | Conveners: Louena Shtrepi, Zackery Belanger

09:00–12:00

Acoustic Performance of a Bio-based Multilayer Wallpaper Using Hemp and Straw Fibers

Speaker

LULU JIANG

09:00–12:00

Ninefold: A Distributed Resonant Field

Speaker

Misri Patel

12:00

09:00

A16.01 Design, Fabrication, Characterization and Perception of Innovative Acoustic Surfaces: S113

Session | Location: Messe Congress Graz, Halle A | Conveners: Zackery Belanger, Louena Shtrepi

09:00–09:20

Stagger: The design, installation, and acoustic validation of a wall of chairs

Speaker

Zackery Belanger

09:20–09:40

Contextualising Acoustics: Prototyping Conceptual Boundaries in Acoustic Design

Speaker

Misri Patel

09:40–10:00

Exploring the sound absorption potential of open-cell ceramic foams fabricated via Viscous Thread Printing

Speaker

Marco Palma

10:00

10:20

A16.01 Design, Fabrication, Characterization and Perception of Innovative Acoustic Surfaces: S408

Session | Location: Messe Congress Graz, Halle A | Conveners: Louena Shtrepi, Zackery Belanger

10:20–10:40

Inclined Wiremesh Gratings: a Psychoacoustic Assessment

Speaker

Juan Pablo Escudero

10:40–11:00

Visual and Performance Impacts of AI-Generated Diffusion Panels

Speaker

Zlatka Madzharova

11:00–11:20

Objective and subjective investigation of the application of 3D-printed hybrid acoustic materials in Living Lab conditions

11:20

Speaker
Louena Shtrepi