

Session Program

8–12 Sept 2026

Forum Acusticum 2026

***A10.05/A16.11 Advanced Characterization of Acoustic
Materials***

Wednesday 9 September

09:00

A10.05/A16.11 Advanced Characterization of Acoustic Materials: S064

Session | Location: Messe Congress Graz, Saal 3 | Conveners: Luc Jaouen, Mélanie Nolan

09:00–09:20

Experimental Analysis of Leading-Edge Diffraction from Finite-Sized Rigid and Porous Plates under Grazing Incidence

Speaker

Arif Onur Yurek

09:20–09:40

Experimental Determination of Dynamic Viscous Resistance and Thermal Relaxation Conductance in Porous Materials

Speaker

Elio Di Giulio

09:40–10:00

Characterization of Blown-in Insulation Dynamic Stiffness Using a 2-DOF Measurement System

Speaker

Daniel Urbán

10:00

10:20

A10.05/A16.11 Advanced Characterization of Acoustic Materials: S356

Session | Location: Messe Congress Graz, Saal 3 | Conveners: Luc Jaouen, Mélanie Nolan

10:20–10:40

Variability of the physical and acoustic characteristics of polyurethane foams

Speaker

Andrea Santoni

10:40–11:00

Nonlinear characterization of vibro-acoustic absorbers

Speaker

Arthur Givois

11:00–11:20

Indirect Characterization of Fibrous Materials Using In-Situ Acoustic Impedance and JCAL-Based Parameter Optimization

Speaker

Juan Díaz Carabias

11:20–11:40

Effects of Water Content on the Acoustic Properties of Porous Media

Speaker

mohammad morovati

11:40

15:00

A10.05/A16.11 Advanced Characterization of Acoustic Materials: P481

Session | Location: Messe Congress Graz, Messehalle (Poster+Exhibition) | Conveners: Mélanie Nolan, Luc Jaouen

15:00–18:00

Obtaining Poroelastic Parameters of Porous Materials from Impedance Tube Measurements

Speaker
 Florian Kraxberger

15:00–18:00

Influence of binder in the acoustical behaviour of samples prepared from used cigarette filters

Speaker
 Guillermo Rey-Gozalo

15:00–18:00

Measurement Verified Biot–JCAL Modelling of Wool Felt

Speaker
 Maria Miranda Vuin

18:00