

Session Program

8–12 Sept 2026

Forum Acusticum 2026

A21.06 Aircraft noise

Friday 11 September

14:20

A21.06 Aircraft noise: S156

Session | Location: Messe Congress Graz, Saal 10 | Conveners: Michael Quaglia, Vincent Clair

14:20–14:40

New Formulation of the exact Green's Function for the Diffraction Field around a Rigid Wedge for efficient Calculations

Speaker

Petros Nikolaou

14:40–15:00

Analytical Investigation of Sound Diffraction by Straight and serrated Trailing Edges

Speaker

Nafsika Papantonopoulou

15:00–15:20

Structure-Borne Sound of an Electrified Powertrain - Identification of Load Condition-Based Local Maxima

Speaker

Lewin Weber-Karpinski

15:20–15:40

Estimation of Flight and Geometry Parameters for low-Boom Aircraft Design using the Unscented Kalman Filter

Speaker

Ioanna Anagnostaki

15:40–16:00

Autonomous Aircraft Noise Recording: Developing Datasets for Machine Learning

Speaker

Gary Isherwood

16:00