

Session Program

8–12 Sept 2026

Forum Acusticum 2026

A05.04 Outdoor sound propagation

Thursday 10 September

14:20

A05.04 Outdoor sound propagation: S244

Session | Location: Messe Congress Graz, Saal 11B | Conveners: Martin Czuka, Christian Adams, Timothy Van Renterghem

14:20–14:40 Outdoor propagation of impulsive sound

Speaker

Frits Van der Eerden

14:40–15:00

Ground Attenuation in Environmental Noise Models: Benchmarking MRG/ISO and CNOSSOS

Speaker

Lennart Bouma

15:00–15:20 Quantification of Modelled Wind Turbine Noise Ground Reflections

Speaker

Josephine Pockelé

15:20–15:40 Exploring Incoherent Scattering from a Dynamic Water Surface

Speaker

Sean Horsman

15:40–16:00 An Experimental Study Of High Amplitude Shock Noise From Explosive Depth Hardening

Speaker

Zachary Simcox

16:00

16:20

A05.04 Outdoor sound propagation: S367

Session | Location: Messe Congress Graz, Saal 11B | Conveners: Christian Adams, Martin Czuka, Timothy Van Renterghem

16:20–16:40

Comparison of the Three Solvers Implemented in Code_TYMPAN, Including ISO 9613-2:2024: A Case Study Based on EDF Power Plants

Speaker

Thibaud Thénint

16:40–17:00

Influence of inclined photovoltaic panels on sound propagation and reflections from distributed infrastructure noise sources

Speaker

Mikel Amatriain

17:00–17:20 Validation of the Image Edge Model for Sound Propagation in Urban Environments

Speaker

Pascal Palenda

17:20–17:40 Outdoor far-field predictions via inverse-modelling

Speaker

Rafael Castro Mota

17:40–18:00

Long-range Outdoor Acoustic Simulation with 3D FDTD using the Quasi-Wavelet Approach of Turbulence

Speaker

Sophia Feriani

18:00

Friday 11 September

08:40

A05.04 Outdoor sound propagation: S528

Session | **Location:** Messe Congress Graz, Saal 2 | **Conveners:** Christian Adams, Martin Czuka, Timothy Van Renterghem

08:40–09:00 Optimizing Civil Defense Siren Placement for Audibility Coverage

Speaker

Pierre Aumond

09:00–09:20 Uncertainty analysis of aircraft noise using a heuristic ray-tracing model

Speaker

Bill Kayser

09:20–09:40

Application and Comparison of NF S 31-120 Meteorological Data Analysis Methods for Outdoor Sound Propagation: A Case Study Based on In-Situ Measurements

Speaker

Fabrice JUNKER

09:40–10:00 Analysis of the Sound Propagation Calculation Method according to ISO 9613-2

Speaker

Wolfgang Probst

10:00

09:00

A05.04 Outdoor sound propagation: P455

Session | **Location:** Messe Congress Graz, Messehalle (Poster+Exhibition) | **Conveners:** Martin Czuka, Christian Adams, Timothy Van Renterghem

09:00–12:00 Database of Scale-Model Validation Measurements for Urban Sound Propagation

Speaker

Pascal Palenda

12:00