

Session Program

8–12 Sept 2026

Forum Acusticum 2026

A13.00 Physical Acoustics and Ultrasound

Tuesday 8 September

14:00

A13.00 Physical Acoustics and Ultrasound: P487

Session | **Location:** Messe Congress Graz, Messehalle (Poster+Exhibition) | **Conveners:** Esma Tuzovic, Daniel A. Kiefer, Nico F. Declercq, Lynda CHEHAMI

14:00–17:00

Pressure field calculation using the Born series method for an array of point sources in inhomogeneous fractional viscoacoustic medium

Speaker

Ratan K Saha

14:00–17:00

Characterization of acoustic wave propagation in granular media for an earthquake analogue model

Speaker

Louis Demange

14:00–17:00

Ultrasonic handling of microplastics in water

Speaker

Itziar Gonzalez

17:00

15:00

A13.00 Physical Acoustics and Ultrasound: S089

Session | **Location:** Messe Congress Graz, Saal 5 | **Conveners:** Esma Tuzovic, Nico F. Declercq

15:00–15:20

Diffraction of sound waves by a periodic façade displaying impedance boundary conditions

Speaker

François-Marie Lucchetti

15:20–15:40

A combined acoustical and visual analysis of Surface-Acoustic-Wave-induced ice melting

Speaker

Steffen Kempen

15:40–16:00

Ultrasonic Evaluation of Plies' Interface Strength in AFP Thermoplastic Composites

Speaker

Soufiane BELMEKKI

16:00–16:20

Active control of ESI aerosols by airborne ultrasound for mass spectrometry applications

Speaker

Dmitrii Nikolaev

16:20–16:40

Ultrasonic transmission through a water-saturated porous medium with an embedded PVC interlayer

Speaker

Mehdi Abdu Mohammed

16:40