

**Session Program**

**8–12 Sept 2026**

**Forum Acusticum 2026**

***A12.12/A16.13 Diffuse Sound Fields and Reverberation***

# Thursday 10 September

14:20

## A12.12/A16.13 Diffuse Sound Fields and Reverberation: S088

Session | Location: Messe Congress Graz, Saal 10 | Conveners: Franz Zotter, Albert Prinn

14:20–14:40

### Quantification of Diffuseness: Toward Understanding Sound Fields in Reverberation Chambers

Speaker

Mélanie Nolan

14:40–15:00

### Why 2.5D Sound Field Synthesis Isn't Going to Produce Diffuse Sound Fields Well Enough

Speaker

Franz Zotter

15:00–15:20

### Statistical wave field theory: main results

Speaker

Roland Badeau

15:20–15:40

### Assessing the anisotropic features of late reverberation in a variable-acoustics hall

Speaker

Alice Pain

15:40–16:00

### Exploring theoretical limits of statistical room acoustics

Speaker

Andor Fürjes

16:00–16:20

### A 2D numerical study of a diffuse field index

Speaker

Albert Prinn

16:20

15:00

## A12.12/A16.13 Diffuse Sound Fields and Reverberation: P466

Session | Location: Messe Congress Graz, Messehalle (Poster+Exhibition) | Conveners: Franz Zotter, Albert Prinn

15:00–18:00

### Taylor-SWFT: Fast Discrete Statistical Wave Field Theory Using Taylor Expansion for Late Reverberation

Speaker

Marius Rodrigues

15:00–18:00

### Evaluating Adaptive Reverberation Time Estimation For Non-Standard Conditions

Speaker

Aron Karsai

18:00

16:40

**A12.12/A16.13 Diffuse Sound Fields and Reverberation: S347****Session** | **Location:** Messe Congress Graz, Saal 10 | **Conveners:** Franz Zotter, Albert Prinn

16:40–17:00

**Diffuse Sound Field Modelling and Metrics and their application in the Space Launch Environmental Test Sector****Speaker**

Jonathan A. Hargreaves

17:00–17:20

**Towards Diffuse Sound Fields in Immersive Listening Rooms: an Experimental and Numerical Approach****Speaker**

Giulia Fratoni

17:20–17:40

**Covariance of the Frequency Response Function of (Vibro-)Acoustic Built-Up Systems in the Mid-Frequency Range****Speaker**

Cédric Van hoorickx

17:40–18:00

**Influence of the Angular Resolution on the Directional Energy Decay Curve****Speaker**

Marco Berzborn

18:00–18:20

**Sports halls, Austrian Standards and the (non) diffuse Sound field****Speaker**

Sebastian Kraync

18:20