

**Session Program**

**8–12 Sept 2026**

**Forum Acusticum 2026**

***A10.03/A23.06 Metamaterials and acoustic black holes in  
vibro-acoustics and air***

## Friday 11 September

09:00

### A10.03/A23.06 Metamaterials and acoustic black holes in vibro-acoustics and air: P477

Session | Location: Messe Congress Graz, Messehalle (Poster+Exhibition) | Conveners: Florian Toth, Wonju Jeon, Jae Yeun Lee

#### 09:00–12:00 Integrating Acoustic Black Holes into satellite assemblies for vibration reduction

Speaker

Jannik Krohn

12:00

10:40

### A10.03/A23.06 Metamaterials and acoustic black holes in vibro-acoustics and air: S476

Session | Location: Messe Congress Graz, Galerie B | Conveners: Florian Toth, Wonju Jeon, Jae Yeun Lee

#### 10:40–11:00 Sonic Black Holes for Enhancing Detection of Weak Signals

Speaker

Semere B. Gebrekidan

#### 11:00–11:20 A Scattering Model of a Two-dimensional Sonic Black Hole

Speaker

Jie Deng

#### 11:20–11:40 Increasing damping in composite panels with locally graded acoustic black holes

Speaker

Jan Boysen

#### 11:40–12:00 Optimizing passive acoustic filters in tubes using a tracking formulation

Speaker

Felix Huber

12:00