

Conference language  
exclusively in English.

**November 25 – 27, 2024**

Aachen, Germany

## Topics

### Discussion of vibroacoustic phenomena in applications:

- 👉 Vehicle NVH (e. g. Body, Mechatronic Systems, Tire Road Noise)
- 👉 Drive Train Vibration and Acoustics (Electric Drives, Engine, Gearbox, Drive Shafts, Hybrid Propulsion Systems)
- 👉 Sound Design, Sound Quality and Human Perception in (autonomous) Vehicles
- 👉 Infotainment and Communication in (autonomous) Vehicles
- 👉 Active Systems for Noise and Vibration Control

### Digital engineering in vibroacoustic development process:

- 👉 Measurement Technology (e. g. Structural Analysis)
- 👉 Numerical Simulation and Modelling
- 👉 Hybrid Methods (Numerical Simulation, Measurement Technology, Machine Learning, AI)
- 👉 Integration of Models in the NVH Development Process (MBSE)
- 👉 Real-time Simulation (VR, AR and MR)

**AAC 2024**   
AACHEN ACOUSTICS COLLOQUIUM

**CALL FOR PAPERS**

Development and Research in Automotive Acoustics

**FEV** **fka**

**HEAD** acoustics

**IHTA**

**RWTHAACHEN**  
UNIVERSITY

[www.aachen-acoustics-colloquium.com](http://www.aachen-acoustics-colloquium.com)

Aachen is one of the most important centers for development and research in automotive acoustics. This year, the Aachen Acoustics Colloquium takes place for the 15<sup>th</sup> time.

At this event, experts from research and industry will share their knowledge and discuss latest technologies in the fields of acoustics and vibration of vehicles and drives.

### HIGHLIGHTS

200 international Experts • More than 20 Presentations

Play Sound Samples on Stage • Social Events

Technical Exhibition

Please submit your abstract proposal to one of the topics above on our website. Please notice that only new and unpublished papers can be accepted. The conference language, including abstracts and presentations, is solely English.

### IMPORTANT DATES:

**May 29, 2024:** Deadline Submission of Abstracts

**June 28, 2024:** Notification of Acceptance

**August 25, 2024:** Mailing of the Program

**November 25 – 27, 2024 Aachen Acoustics Colloquium**

### REGISTRATION:

The registration fee of € 980 (plus 19 % VAT) also includes a welcome reception on November 25 and a banquet dinner on November 26, 2024. University staff receive a discount of 50 %.

The participation for speakers is free of charge.

Registration will begin soon.

### EXHIBITION:

Become an exhibitor and book your completed high quality booth, including booth construction, furniture and access to the entire conference for one booth supervisor.

Price of the exhibition booth is € 2,400 (plus 19 % VAT).

We also offer the opportunity to place vehicles and prototypes as exhibits in front of the event location.

