

HEAD acoustics NVH Simulator User Group Meeting: Exchange Between Experts

Following immediately on the 13th Aachen Acoustics Colloquium (AAC), HEAD acoustics hosts the exclusive User Group Meeting on the PreSense NVH Simulator, the interactive tool for virtual engineering and prototyping.

On **November 24, 2022**, participants have the opportunity to share their experiences, exchange ideas, get to know the HEAD acoustics solutions' application potential and strengths, learn about trends in automotive NVH simulation, and help shape future developments in direct exchange with the NVH Simulator team.

They can also look forward to insightful and inspiring presentations by PreSense users from Honda, Mercedes Benz, Toyota, and Volkswagen about how they use HEAD acoustics' NVH Simulation tools to work toward a development without prototypes.

Live and online demos include various applications of HEAD acoustics PreSense variants (SoundSeat, SoundCar, Mobile Simulator, Desktop Simulator, ...):

- TPA results from a Hybrid Powertrain
- Active Sound Design for Electric Vehicles (EVs)
- Simulation data (CAE)
- 3D audio of notification and warning sounds

Prof. Dr.-Ing. Klaus Genuit, Founder and Managing Director at HEAD acoustics, will open the event and welcome the participants. Dr.-Ing. Bernd Philippen, Product Manager at HEAD acoustics, will lay out the NVH Simulator roadmap, which is our contribution to the Digital Twin and Dr.-Ing. Aulis Telle, Managing Director SVP, will give a summary and an outlook.

The perfect topic, location, and time

The NVH Simulator User Group Meeting will take place at the HEAD acoustics headquarters in Herzogenrath on November 24, 2022, directly after the Aachen Acoustics Colloquium (November 21-23, 2022, in neighboring Aachen) – an excellent opportunity to attend both events. Of course, online participation in the HEAD User Group Meeting is also possible. Participation in the User Group Meeting is free of charge!

Preliminary agenda:

- Honda Customer Study in a Driving Simulator with Enhanced Noise and Vibration
- Mercedes Benz AG ViCA - VIRTUAL CAR ACOUSTICS: Virtual Driving Experience
- Toyota Sound Optimization Tool for Sound Engineers: Case Study with HIL Environment
- Volkswagen AG From Test Rig to Road: Experience Virtual Powertrain integration
- HEAD acoustics GmbH Future Insights of PreSense: A Way to a Digital Twin

The final program will be available and sent to registered participants together with further information in due time before the User Group Meeting.

We are looking forward to seeing you in Herzogenrath on November 24!



About HEAD acoustics

HEAD acoustics GmbH is one of the world's leading companies offering holistic sound and vibration analysis solutions. In the telecom sector, the company enjoys global recognition due to its expertise and pioneering role in developing hardware and software for measuring, analyzing, and optimizing voice and audio quality, as well as customer-specific solutions and services. HEAD acoustics' range of services covers sound engineering for technical products, investigation of environmental noise, speech quality engineering, consulting, training, and support. The medium-sized company from Herzogenrath near Aachen has subsidiaries in China, France, Italy, Japan, South Korea, the UK, the USA, and numerous sales partners worldwide.