

## GENERAL INFORMATION

### Date and Time

13. – 14. January 2022  
8 am – 1 pm CET

**Platform:** Zoom

**Language:** English

### Registration Fee

Free of charge for all participants!

# Virtual Lecture 2022: Sound Quality of Audio Systems

The **Virtual Lecture 2022** – a condensed form of the annual lecture “Sound Quality of Audio Systems” presented by Prof. Dr. Wolfgang Klippel, which we usually hold at the Technical University in Dresden, will give you a deep understanding on the latest measurement and diagnostic techniques used in automotive, telecommunication, multi-media and professional application to design small, light and cost-effective loudspeakers.



## AGENDA FOR BOTH DAYS

### Lecture Part

08:00 am – 09:30 am (CET)

### Coffee Break

09:30 am – 09:45 am (CET)

### Lecture Part

09:45 am – 11:15 am

### Coffee Break

11:15 am – 11:30 am (CET)

### Lecture Part

11:30 am – 01:00 pm (CET)

## Content of the Virtual Lecture 2022



### First Day - January 13<sup>th</sup>, 2022

- Lumped parameters – Linear modeling & measurement
- Distributed mechanical parameters – Cone vibration analysis
- Sound radiation and room interaction – Prediction and measurement
- Power handling, heating, thermal modelling, aging

### Second Day - January 14<sup>th</sup>, 2022

- Nonlinear modeling – Overview
- Measurement of nonlinear parameters – Interpretation
- Regular nonlinear distortion – Diagnostics
- Abnormal sound (“rub&buzz”, irregular vibration, defects)
- Audibility and impact on quality – Psycho-acoustical view

## CONTACT INFORMATION

Contact Jasmin for more information about agenda.

**Jasmin Klaue**

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Scan the Code for registration.



The **Virtual Lecture 2022** focusses on education and supports networking between European and Asian students and universities.

Regardless of where you are, you can register for the Virtual Lecture 2022 and watch the content live or on-demand. The two-day event will be available for a short period of time for all participants.

Highly recommended for

- Students, PhD candidates and teachers of the electro-acoustics
- Engineers of the audio industry

A limited number of free places have been secured for engineers from the audio industry. Secure your participation and register for the event. The Virtual Lecture 2022 is free of charge for all participants.