

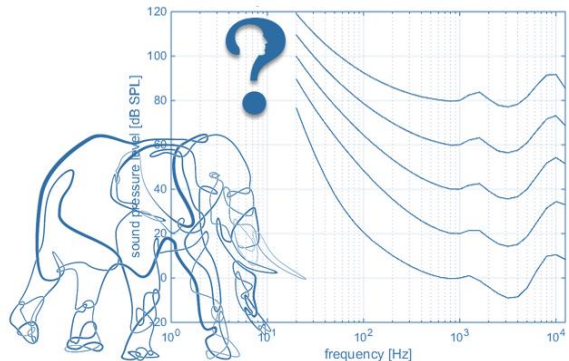
# Workshop

EARS II:

Perception and impact of infrasound on humans

18 March 2019, Rostock

In our daily and occupational life, many sources emit infrasound because of their function or unintended. This is particularly the case for the increasing traffic noise exposure or machines like pumps or air conditioning systems. There are numerous indicators that sound at these frequencies can be perceived and affects people. Within the EU-funded international project EARS II research was performed to improve the objective rationale of the auditory perception of infrasound. A project commissioned by the German Environment Agency (UBA) investigates the reaction of humans on different infrasound sources and stimuli. The workshop intends to bring together international experts to discuss many issues of this topic. In invited talks the current state of the art will be demonstrated along with the presentation of EARS II and UBA preliminary project results using audiological methods, neuroimaging, and medial diagnosis. The work-shop will contribute to the question whether these



sounds can be of any risk for the hearing system or limiting quality of life by annoyances. This workshop will be held the day before the annual meeting of the German Acoustical Society. It gives the opportunity to share the final results of the project with many interested persons and to discuss together all related issues of the topics. For this purpose the workshop schedule contains scientific talks and structured discussion sessions for a fruitful scientific exchange.

## Registration

Online via: [www.ears-project.eu](http://www.ears-project.eu)

Deadline: 31 January 2019

## Location

Stadthalle Rostock

Südring 90

18059 Rostock

Germany

[www.messe-und-stadthalle.de](http://www.messe-und-stadthalle.de)

## Fees

No additional fees for the workshop

DAGA participants are welcomed

Including refreshments

## Hotel

Provisional bookings in several hotels in accordance with DAGA organisation

## Chair

Christian Koch, PTB  
Braunschweig

## Scientific Committee

Detlef Krahe (Uni Wuppertal)

Torsten Marquardt (UCL

London)

Thomas Myck (UBA Dessau)

Stefan Uppenkamp (Uni Oldenburg)



## EMPIR Joint Research Project

Metrology for modern hearing assessment and protecting public health from emerging noise sources

## Project Coordination:

Dr. Christian Koch  
Physikalisch-Technische Bundesanstalt (PTB)

## Project Contact:

[info@ears-project.eu](mailto:info@ears-project.eu)

Web: [www.ears-project.eu](http://www.ears-project.eu)

## Workshop Contact:

Katja Rossignol

[info@ears-project.eu](mailto:info@ears-project.eu)