

Workshop

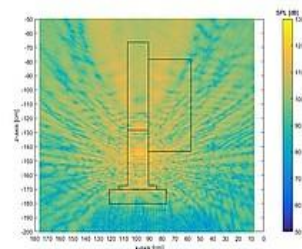
Airborne ultrasound: assessing effects on the public and workers. 31 January 2019, London

In contrast to the generally accepted normal frequency range of hearing, the effects of ultrasound on humans has gained only moderate attention, despite the proliferation of sources and growing number of complaints in recent years. Several questions relating to these effects have been addressed within the project “Metrology for modern hearing assessment and protecting public health from emerging noise sources” (EARS II) which is carried out within the framework of the European Metrology Programme for Innovation and Research (EMPIR). This workshop will focus on two questions:

- What are the effects of ultrasound exposure on humans?
- What measurement methods are appropriate for assessing exposure to ultrasound in the workplace and in public spaces?

The workshop provides an opportunity for those in science and industry to discuss the results of the EARSII project and related issues. The schedule comprises:

- Keynote speakers highlighting aspects of the topic and giving an overview of the history and current state of the art
- Presentations of EARS II project results
- Round-table discussions with distinguished experts on current questions and new concepts, potentially initiating new ideas and future collaborations
- All participants may present a poster on their current work including a 5-minute talk (please state upon registration).



Registration

Online via:
www.ears-project.eu
Deadline: 23rd Dec 2018

Location:

UCL Ear Institute
University College London
332 Gray's Inn Road
London
WC1X 8EE
<https://www.ucl.ac.uk/ear/>

Fees

No Fees for registration will be charged. Lunch and refreshments are provided free of charge.

Poster

Please state upon registration whether you will present a poster. Maximum format is DIN A0.

Chair

Ben Lineton, ISVR

Scientific Committee

Tim Leighton (ISVR)
Christoph Kling (PTB)
Andrea Wolff (DGUV)
Stefan Uppenkamp (Uni Oldenburg)
Mark Fletcher (ISVR)
Additional input from
UK Acoustics Network



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)

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