

SAFE (Sound Acoustics For Employees)

Expert meeting

4 and 5 November 2015

Federal Institute for Occupational Safety and Health (BAuA)
Dortmund

The meeting room is located in the building of the DASA Working World Exhibition.

4 November 2015

8:00 - 09:00 Registration

9:00 - 9:15 **Opening of the expert meeting**

Dr. Lars Adolph
BAuA, Dortmund, Germany

9:15 - 9:20 **Some technical information about the conference**

Dr. Patrick Kurtz
BAuA, Dortmund, Germany

Session on “Effects”

9:25 - 9:45 **A general survey on non-auditory effects of noise at work places**

Dr. Helga Sukowski
BAuA, Dortmund, Germany

9:50 - 10:10 **Noise, stress, and mental health: A survey across different occupations**

Prof. Dr. Andrew P. Smith
School of Psychology, Cardiff University, United Kingdom

10:15 - 10:30 Coffee break

Session on “Noise in offices”

- 10:30 - 10:50 **Effect of speech on performance – an evidence-based model promoting noise control in offices**
Valtteri Hongisto
Finish Institute of Occupational Health (FIOH), Helsinki, Finland
- 10:55 - 11:15 **Perception- and effect-related evaluation of open-plan office acoustic design**
Dr. Andreas Liebl
Fraunhofer Institute for Building Physics (IBP), Stuttgart, Germany
- 11:20 - 11:40 **The relative importance of office noise and office noise related variables (privacy, interruptions, distractions) for employee health, wellbeing, and work performance in 39 real-world offices**
Prof. Dr. Lukas Windlinger Inversini
Zurich University of Applied Sciences (ZHAW), Life Sciences and Facility Management, Wädenswil, Switzerland
- 11:45 - 12:05 **Noise control to improve employee satisfaction in offices - What should we measure and how should we promote better design?**
Valtteri Hongisto
Finish Institute of Occupational Health (FIOH), Helsinki, Finland
- 12:10 - 12:30 **Psychoacoustics and health - The importance of psychoacoustics and its relation to noise effects**
Dr. André Fiebig
Head Acoustics, Herzogenrath, Germany
- 12:35 - 12:55 **Noise control and forecast in offices**
Dr. Wolfgang Probst
Datakustik, Greifenberg, Germany
- 13:00 - 14:10 Lunch**
- 14:15 - 14:35 **Open-plan offices - practical design experiences based on ISO 3383-3 parameters**
Dr. Christian Nocke
Akustikbüro Oldenburg, Germany

Session on “Noise in hospitals”

14:40 - 15:00 Noise as a stress factor for hospital staff

Dr. Gert Notbohm

Institute of Occupational and Social Medicine, Heinrich Heine University, Düsseldorf, Germany

15:05 - 16:05 Guided tour through the DASA Working World Exhibition

16:05 – 16:15 Coffee break

16:20 - 16:40 What’s the problem? A cross-sectional survey in 55 wards

Maija Suokas

Finish Institute of Occupational Health (FIOH), Helsinki, Finland

16:45 - 17:05 Acoustics - a major quality parameter in medical interventions

Dr. Holger Sauer

Klinikum Westfalen, Lünen, Germany

Session on “Restoration”

17:10 - 17:30 The effects of sounds on restorative processes

Dr. Helena Jahncke

Centre for Musculoskeletal Research, University of Gävle, Sweden

17:35 - 17:55 Soundscapes, restoration

Prof. Dr. Peter Lercher

Medical University of Innsbruck, Austria

18:00 - 19:00 Time buffer

19:00 – 21:30 Dinner and come together

5 November 2015

- 9:00 - 9:10 **Short introduction to the workshops**
Dr. Georg Brockt
BAuA, Dortmund, Germany
- 9:15 - 10:45 **Workshop on Effects**
Chair:
Prof. Dr. Andrew P. Smith
School of Psychology, Cardiff University, United Kingdom
Prof. Dr. Staffan Hygge
Environmental Psychology, University of Gävle, Sweden
- 11:00 - 12:30 **Workshop on Noise in offices**
Chair:
Dr. Wolfgang Probst
Datakustik, Greifenberg, Germany
Prof. Dr. Lukas Windlinger Inversini
Zurich University of Applied Sciences (ZHAW), Life Sciences and Facility Management, Wädenswil, Switzerland
- 12:45 - 14:00 Lunch**
- 14:05 - 15:15 **Workshop on noise in hospitals**
Chair:
Dr. Gert Notbohm
Institute of Occupational and Social Medicine, Heinrich Heine University, Düsseldorf, Germany
Dr. Patrick Kurtz
BAuA, Dortmund, Germany
- 15:15 - 15:30 Coffee break**
- 15:30 - 16:00 Closing of the meeting**