Psychoacoustics and Soundscapes

May 28 - 30, 2015
Herzogenrath, Germany

www.head-acoustics.de/eng/seminarPsychoacoustics_and_Soundscapes.htm
SEMINAR OBJECTIVES

This seminar will illustrate how to apply psychoacoustics and to implement the soundscape approach to improve (urban) acoustical environments.

Exercises in performing and analyzing field measurements, listening tests, interviews, and psychoacoustic analyses will be interspersed throughout the seminar with the lectures.

The seminar is intended to familiarize the participants with the concept of soundscape, the operation of measurement equipment, the psychoacoustic analysis of noise recordings, the performance of interviews, and the interpretation of results.

The psychoacoustics and soundscapes seminar is ideal for all acoustic and environmental engineers, and urban planners and architects interested in the improvement of urban acoustical environments beyond (conventional) environmental noise assessment measures.

DURATION

Three-day seminar
Day 1: 12 AM to 7 PM
Day 2: 9 AM to 6 PM
Day 3: 9 AM to 2 PM

Lunch and coffee are provided each day

SEMINAR OUTLINE DAY 1

Psychoacoustics – Tools and methods
Demonstration of binaural phenomena
Introduction to soundscape approach – Concepts and projects
Measurement of acoustical environments
Introduction to soundwalking
Soundscape case study (field survey)

SEMINAR OUTLINE DAY 2

Current status of international soundscape standard
Psychoacoustic analysis of field data
Introduction to interview methods
Introduction to listening experiments
Conduction and analysis of a listening experiment

SEMINAR OUTLINE DAY 3

Discussion of results of soundscape case study
Comparison of case study results to previous soundscape measurement campaigns
Summary of psychoacoustic tools and soundscape methods
Lecturers:
Prof. Dr. Brigitte Schulte-Fortkamp, TU Berlin
Prof. Dr. Klaus Genuit, HEAD acoustics GmbH
André Fiebig, M.A., HEAD acoustics GmbH

Seminar language:
English

Registration:
Please send an e-mail to trainingcenter@head-acoustics.de.

Costs:
€ 400 (plus 19 % VAT)

Payment terms:
The training fees are invoiced 10 days before the training date.