

noiseLAB

INVITATION

noiseLAB: Advanced Users Course

noiseLAB 4.0 has more than meets the eye. Under its deceptively simple user interfaces you will find a lot of power.

- Understanding the noiseLAB Architecture--and its benefits
 - Architecture
 - Work flow
 - Data formats
- Work Faster
 - Faster Import, Calibration, Editing and analysis.
 - Short cuts, tips and tricks.
 - Parallel processing. Getting the most from your PC.
- Achieve higher quality
 - Scrubbing, listening, and auditing.
 - Editing: Advantages and pitfalls.
 - Documentation: Completeness and consistency.
 - Achieving confidence/re-working of results.
 - Calibration
- Choosing and using the right hardware:
 - Hard Disk (Flash Recorders), Sound Level Meters, or PCs with digitizer front end.
 - Advantages/disadvantages
 - Traceability/Risk
 - Documenting your work in the field.
 - Calibration: also with variable gain.
 - Microphones and Calibrators.
 - Difference between manufacturers "accuracy". Things to watch out for.
 - Documentation and best practices.
 - Wireless front ends.
 - Standards conformance of PC Based systems: IEC requirements.
 - Tips for optimizing dynamic range, accuracy and preventing overload/underrange.
- Auditing and editing your signals.
 - Validating your calibration
 - Tracking gain changes
 - Pre-filtering of Recordings

Date

13 November 2015 - 10-15 / Hørsholm
 16 November 2015 - 10-15 / Aarhus
 17 November 2015 - 10-15 / Odense

Place

DELTA
 Venlighedsvej 4
 2970 Hørsholm

DELTA
 Agro Food Park 13
 8200 Aarhus N

DELTA
 Edisonsvej 24
 5000 Odense C

Sign-up Hørsholm

www.conferencemanager.dk/noiseLABHørsholm

Aarhus

www.conferencemanager.dk/noiseLABAarhus

Odense

www.conferencemanager.dk/noiseLABOdense

Price

DKK 2900 including lunch.

Discounts: Participants will receive a 1000 DKK discount on the next upgrade of noiseLAB if purchased in 2015. This includes upgrades between editions (for example from Standard to Professional) as well as upgrades to a new major version. (from 4.0 to Version 5).

Language

Danish or English depending on participants



- Analysis Functions in depth
 - 1/N octave: Settling times, filter shapes, center frequencies, time slices.
 - Sound Level Functions: Fast, Slow, Peak, Impulse, statistics.
 - FFT: Line spacing, FFT Blocks sizes, weighting functions, time slices and overlap.
 - Time and frequency slices.
 - Tone Analysis: IEC and Danish methods
 - Nordic Impulse Method
 - Sound Quality metrics
 - Vibration Analysis
 - Calibration
 - Analysis types and units.
- Results and report generation
 - Division of tasks between noiseLAB and Microsoft Office.
 - Data export to Excel and Word of Results Tables and Graphs.
 - Export of Time Slice Graphs.
- Data import of raw signals, FFT Spectra and noiseLAB 3 projects.
- Data management, storage, and backup: best practices.
- The secrets of the TDMS file format and how you can use it.
- Optimizing performance.
- Platform issues, IT department cooperation
- Tips and tricks: Bring your own three best tips and tricks or applications.
- Common mistakes! Bring your own experiences and share!
- Product Support, upgrade and licensing policies.
- Product round table: Questions, suggestions for new functions.