

EURAMET Training Course on Vibration Measurements

3 - 7 June 2019; GUM, Warszawa, Poland

Agenda version 2019-05-07

Monday, 3 June 2019 - Day 1

- 08:45 **Registration**
- 09:00 **Welcome and Opening**
Introductory Round
Objectives of the Training Course and Workshop
- 09:30 – 16:00 **Vibration Transducers** (lecture)
Various models, technical specifications, application
Calibration Methods

Tuesday, 4 June 2019 - Day 2

- 09:00 – 16:00 **Vibration Calibrators and Vibration Meters** (lecture)
Various models, technical specifications, applications
Calibration Methods

Wednesday, 5 June 2019 - Day 3

- 09:00 – 16:00 **Laboratory Work:**
Practices on Calibration on Vibration Transducers by
Comparison Method acc. ISO 16063-21
- Determination of reference sensitivity, frequency response, amplitude linearity
 - Measurement uncertainty
 - Expression and reporting of measurement results

Thursday, 6 June 2019 - Day 4

- 09:00 – 16:00 **Laboratory Work:**
Practices on Calibration on Vibration Calibrators acc.
ISO 16063-44
- Determination of acceleration, frequency, harmonic distortion
 - Measurement uncertainty
 - Expression and reporting of measurement results
- Primary Calibration of Vibration Transducers acc. ISO**
16063-11
- Measurement set-up in GUM
 - Measurement uncertainty
 - Expression and reporting of measurement results

Friday, 7 June 2019 - Day 5

09:00 – 16:00	Laboratory Work: Practices on Calibration on Human Vibration Meters acc. ISO 8041-1 <ul style="list-style-type: none">– Determination of vibration sensitivity, frequency response and frequency weightings, amplitude linearity– Measurement uncertainty– Expression and reporting of measurement results Control of Measuring Equipment, Measurement Traceability
16:00	Closure of the Training Course

Lunches and coffee breaks will be announced in the sessions

The Agenda may be modified in accordance with the needs of participants.

Lecturer

- Joanna Kolasa, GUM, Poland

Note:

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