

NanoScale 2023

13th Seminar on Quantitative Microscopy (QM) and 9th Seminar on Nanoscale Calibration, Standards and Methods Dimensional and related measurements in the micro- and nanometre range

October 10th to 12th, 2023 – Technopolis Ruoholahti in Helsinki, Finland

www.nanoscale.de



Scope

- Creating a bridge between (industrial) researchers and metrologists
- Metrology for nanotechnology and advanced manufacturing
- Fast & reliable measurements for better control on the nanoscale and for more nano-safety, supporting standardization & regulation
- Better understanding of optical surface measurement techniques
- Reliability of nano-measurements: uncertainty & standardization



Time schedule:

- Early-bird registration until mid-August 2023
- Submission of abstracts (about 2 pages) via webinterface will be open April to June 2023
- Review of abstracts by Scientific Committee in July 2023
- Notification of acceptance as poster or oral presentation in Aug. 2023



Topics

- Instrumentation and methods
- Calibration & correction methods
- Applications



Special Sessions at NanoScale 2023

- High-speed SPM measurements of functional properties of nanostructures
- 3D roughness & dimensional measurements by optical 3D microscopy



Abstract submission and registration via www.nanoscale.de

The seminar will be organized by

EURAMET e.V.
Technical Committee Length (TC-L)
Project 1342

National Metrology Institute VTT
MIKES
Teknologiaan tutkimuskeskus VTT Oy
VTT Technical Research Centre of Finland Ltd

Physikalisch-Technische Bundesanstalt (PTB)
National Metrology Institute of Germany



TERVETULOA – Welcome to Finland!

