Basic Metrology and Measurement Uncertainty
(A Measurement Assurance Program Course)
04 Jul 2019, 9:00 am – 5:00 pm, NMC

Introduction
This course aims to introduce basic metrological concepts in measurements and measurement uncertainty.

Course Leader
Dr Tan Siew Leng is a Principal Metrologist at the National Metrology Centre with 30 years of experience involving in length and dimensional metrology. She has worked on high precision standards development, maintenance and dissemination, industry training and consultancy, and technical assessment for SAC-SINGLAS.

Course Details
- Common terms use in metrology
- The SI Units
- The measurement traceability
- Quality assurance in measurements
- Fundamental principles of measurement uncertainty
- Verification of products (compliance to specification)
- TAR (Test Accuracy Ratio) and TUR (Test Uncertainty Ratio)
- Determination of calibration interval
- Interpretation of calibration reports
- How to choose calibration laboratory

For whom?
- Calibration engineers
- Test engineers
- Measuring instruments suppliers
- Quality assurance and quality control personnel
- Process control engineers

Course Registration
Fee: $390.00+GST
Basic Metrology and Measurement Uncertainty, 04 Jul 2019
Please fax filled-in form to 62791992, or e-mail to shirley_tng@nmc.a-star.edu.sg to register.

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Acceptance of registration is based on first-come-first-served basis. Payment is to be made by crossed cheque to "SCEI-NMC", by credit card or by NETS. 50% is refundable for withdrawals in writing at least five days before the commencement of the course. NMC reserves the right to cancel or postpone the course. In the event of cancellation, registration fees will be fully refunded.

Measurement Assurance Program (MAP)
National Metrology Centre (NMC) launched MAP in December 2012 with the aim to enhance the measurement capability and confidence of calibration and testing laboratories. It provides:
- Proficiency Tests (PT) to verify laboratory’s competency and measurement accuracy,
- Measurement Assurance Seminars, and
- Training and consultancy to upgrade the industry’s skills in measurements.

For more details on MAP and upcoming events, visit: www.a-star.edu.sg/nmc/map.htm

Contact Us
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