

Central Office of Measures

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Seminars and training courses

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Detailed information on trainings organized by the Central Office of Measures will appear on the GUM website. For current information, please call (+ 48) 22 581 92 38, (+48) 22 581 94 14, fax: (+48) 22 581 93 87; e-mail: szkolenie@gum.gov.pl

Information on the training course "The practice of evaluating uncertainty of measurement"

Training topic: The practice of evaluating uncertainty of measurement

Duration of training: 2 days

Purpose of training: Uncertainty in Measurement according to the GUM methodology (Guide to Uncertainty in Measurement) recommended by international documents for the development of measurement data, such as JCGM 100, JCGM 101, JCGM 102 and JCGM 106*

Training in the form of: lectures and exercises

Scope of the training:

1. Basics of the uncertainty of measurement theory
2. Methods for calculating the extension interval
3. Promotion of Monte Carlo decomposition
4. Procedure for estimating the uncertainty of measurement
5. Examples of evaluation of uncertainty of measurement

6. Discussion of the interpretation of Supplements 1 and 2 to the GUM

Moderator: Dr. Ing. Paweł Fotowicz (pawel.fotowicz@gum.gov.pl, tel. 22 581 94 37)

*These documents are equivalent to standards:

ISO/IEC Guide 98-3:2008 (JCGM 100)

Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)

ISO/IEC Guide 98-3:2008/Suppl 1:2008 (JCGM 101)

Propagation of distributions using a Monte Carlo method

ISO/IEC Guide 98-3:2008/Suppl 2:2011 (JCGM 102)

Extension to any number of output quantities

ISO/IEC Guide 98-4:2012 (JCGM 106)

Uncertainty of measurement - Part 4: Role of measurement uncertainty in conformity assessment

The Central Office of Measures (GUM) organizes the open seminars on recent developments in the field of measurements and measurement standards.

For the interested ones in the offered topics and participation in seminars we recommend to contact Dr. Ing. Paweł Fotowicz, the chief specialist in the International Cooperation and Analyses Department - pawel.fotowicz@gum.gov.pl.

The training courses organized by GUM are charged with 23% VAT.