



***World Metrology Day 20 May 2024 on the theme:
We measure today for a sustainable tomorrow***

TRAINING TOPIC:

Estimation of measurement uncertainty

Venue: Institute of Metrology of Bosnia and Herzegovina, Branilaca Sarajeva 25, Sarajevo

Date: 20 May 2024

Agenda:

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| 09:00 – 09:15 | Welcome speech, Director Milica Ristović-Krstić, mr |
| 09:15 – 09:30 | Presentation on the Institute for Metrology of Bosnia and Herzegovina, competences and importance |
| 09:30 – 11:00 | Session 1: Introduction to measurement uncertainty and its estimation according to the GUM (Guide to the Expression of Uncertainty in Measurement) and the Monte Carlo method

Lecturer: Ph.D. Alen Bošnjaković, Head of the Department for Cooperation with International and BiH Institutions |
| 11:00 – 11:15 | Coffee break provided at the Institute |
| 11:15 – 12:45 | Session 2: Empirical approach in estimation of measurement uncertainty when applying test methods

Lecturer: Ph.D. Katarina Hafner – Vuk, Head of the Laboratory for Chemistry |
| 12:45 – 13:45 | Lunch break |
| 13:45 – 15:15 | Session 3: Determination of measurement uncertainty through examples

Lecturer: Mr. Sc. Vladimir Milojević, head of the Laboratory for Electrical Quantities |
| 15:15 – 15:30 | Coffee break provided at the Institute |
| 15:30 – 16:00 | Joint discussion with participants |
| 16:00 – 16:30 | Distribution of training participation certificates and training evaluation |

