

Programme

Programme - Sunday 5th October

TRAINING COURSES

- 09.00-12.30 **STATISTICS FOR PT/EQA SCHEMES**
Piotr Robouch, European Commission's Joint Research Centre Institute for Reference Materials and Measurements
Michael Koch, Universität Stuttgart, Germany
Ilya Kuselman, National Physical Laboratory of Israel

OBJECTIVE: To understand the different statistical approaches used in PT/EQA TOPICS:

- The jungle of standards and guidelines for the statistical treatment of PT data
- Assigned values and statistical methods for calculation, if consensus mean is used
- The Algorithm A in detail
- Z-score, ζ -score and colleagues - scoring procedures in PT and how to determine the standard deviation for proficiency assessment
- New guidance from IUPAC/CITAC on the “Implementation of PT schemes for a limited number of participants and interpretation of their results”

Real datasets from existing PT/EQA schemes will be handled during the exercises. Data from participants are most welcome.

- 14.00-17.30 **SELECTION, USE AND INTERPRETATION OF PT/EQA SCHEMES**
Ian Mann, Swiss Accreditation Service, Switzerland
Antonio Menditto, Istituto Superiore di Sanità, Italy

OBJECTIVE: To gain a better understanding of PT/EQA and to use and interpret the results of the PT/EQA schemes as an improvement tool.

TOPICS:

- Presentation of the revised Eurachem guide on selection, use and interpretation of PT schemes
- Selection of an appropriate PT/EQA provider and establishment of a PT/EQA plan
- Evaluation and use of PT/EQA results by the laboratory
- How to perform an efficient investigation following non conformance
- How to use PT/EQA as an improvement tool

Real scopes from laboratories will be presented as basis for the selection of appropriate PT/EQA providers as well as real results for interpretation.

FOR BOTH TRAINING COURSES:

- Participants are asked to bring along their own laptop if possible.
- A limited number of places for participants is available.

- 19.00 Get together party

Programme - Monday 6th October

CHAIR: BRIAN BROOKMAN

- 09.00 - 09.15 Welcome
- 09.15 - 09.45 **FREQUENCY OF EQA SCHEMES IN LABORATORY MEDICINE AND MONITORING PERFORMANCE OVER TIME**
- 09.45 - 10.15 **DEVELOPMENTS IN PT WITHIN THE EUROPEAN UNION**
Philip Taylor, European Commission's Joint Research Centre Institute for Reference Materials and Measurements
- 10.15 - 11.00 Coffee & poster session
- 11.00 - 11.30 **IAEA INTERLABORATORY STUDIES IN SERVICE OF ANALYTICAL QUALITY CONTROL OF MEMBER STATES LABORATORIES**
Abdulghani Shakhashiro, International Atomic Energy Agency, Austria
- 11.30 - 12.00 **THE CHARACTERISTICS OF A MICROBIOLOGICAL FOOD AND DRINKING WATER PT PROTOCOL IN THE NORDIC COUNTRIES**
Tommy Šlapokas, National Food Administration, Sweden
- 12.00 - 12.30 **POSTER SESSION**
- 12.30 - 14.00 Lunch
- 14.00 - 15.45 **WORKING GROUP DISCUSSIONS**
- 15.45 - 16.30 Coffee & poster session
- 16.30 - 17.30 **PRESENTATION OF CONCLUSIONS OF WORKING GROUPS**
- 20.00 Workshop dinner

Programme - Tuesday 7th October

CHAIR: BRIAN BROOKMAN

- 09.15 - 09.30 **FORENSIC PT: THE ENFSI PROFICIENCY TESTING PROGRAMME ON IDENTIFICATION OF GUNSHOT RESIDUE PARTICLES BY SEM/EDX**
Ludwig Niewöhner, Forensic Science Institute of the Bundeskriminalamt, Germany
- 09.30 - 10.00 **ISO/IEC 17043: CURRENT STATUS AND PROPOSED CHANGES**
Daniel W Tholen, Convenor of ISO WG on ISO/IEC 17043, Dan Tholen Statistical Consulting, USA
- 10.00 - 10.45 Coffee & poster session
- 10.45 - 11.15 **PTs, HEAVEN OR HELL FOR THE LABORATORIES? LABORATORIES VIEW ON PT/EQA**
Magnus Holmgren, SP Technical Research Institute of Sweden
- 11.15 - 11.45 **PT/EQA STANDARDS AND GUIDELINES: QUALITY AND RELIABILITY OF TEST ITEMS**
Maria Belli, Environmental Protection Agency of Italy
- 11.45 - 12.30 **POSTER SESSION**
- 12.30 - 14.00 Lunch
- 14.00 - 15.45 **WORKING GROUP DISCUSSIONS**
- 15.45 - 16.30 Coffee & poster session
- 16.30 - 17.30 **PRESENTATION OF CONCLUSIONS OF WORKING GROUPS**
- 17.30 Closing of the workshop