



**Eurachem**

A Focus for Analytical Chemistry in Europe

**9<sup>th</sup> WORKSHOP  
PROFICIENCY TESTING IN ANALYTICAL  
CHEMISTRY, MICROBIOLOGY  
AND LABORATORY MEDICINE**

Portorož, Slovenia, 9-12 October 2017

Welcome

in co-operation with



**Eurachem**

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**Welcome on behalf of  
Eurachem**



- Eurachem is a network of national and other organisations that provides a focus for analytical chemistry and quality related issues in Europe
- Eurachem promotes best practice in analytical measurement by producing authoritative guidance, publishing guides and supporting workshops to communicate good practice
- Guidance covers technical issues such as measurement uncertainty evaluation, method validation and proficiency testing



### **The Journey to Portorož**

- 8<sup>th</sup> Workshop in Berlin, Germany was a fantastic success; 245 delegates from 64 countries
- 9<sup>th</sup> Workshop a formality but where to go?
- An offer from Slovenia was gratefully accepted by Eurachem
- Workshop again organised in co-operation with EQALM and CITAC



### **Local Organising Committee**

- Mitja Kolar (Chair), University of Ljubljana
- Marjan Veber, University of Ljubljana
- Barbara Ristič, Albatros, Congress-Tourist Service
- Klavdija Zorko, s.p.



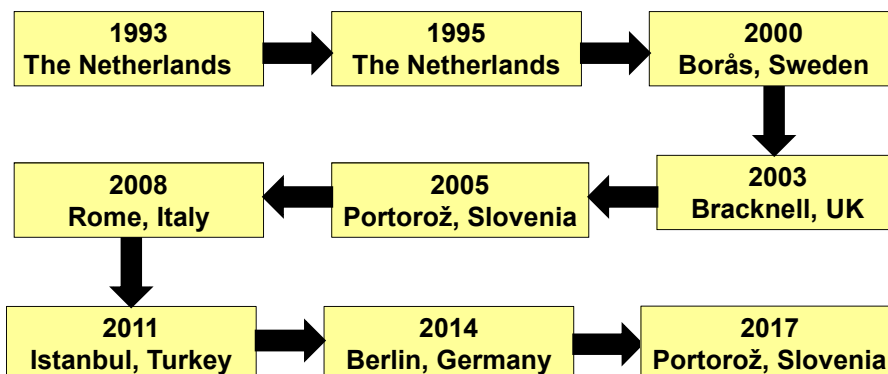
## Welcome on behalf of the Local Organisers



- A Warm welcome to:
  - delegates from around the globe
  - the University of Ljubljana, Slovenia, Faculty of Chemistry and Chemical Technology, Analytical Chemistry
  - Sponsors and supporting organizations
  - Local organizing team
  - Members of Scientific Committee, especially: Piotr Robouch, Michael Koch and Brian Brookman.



## Workshop History





## Training Courses

- Four training courses held yesterday:
  - Basic Statistics
  - Sophisticated PT statistical techniques
  - PT Language and PT reports
  - Graphical PT tools in ISO 13528
- Great success – with good feedback
- Special thanks to our trainers
  - Kelly Black, Michael Koch, *Piotr Robouch* & *Ulf Örnemark*



## Participants

- We have 199 registered participants from 53 different countries





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## Posters

- We have 57 accepted posters
- They will be presented during the extended coffee breaks
- Prizes will be awarded for the best posters



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## Exhibition

- 6 Exhibitors are supporting the event by presenting their products and services



\*QUALITY & STATISTICS!

LABQUALITY

METTLER TOLEDO

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## Supporting Organizations

- A number of organizations are supporting the workshop in various ways

The slide displays a collection of logos for various organizations that support the workshop. These include the American Proficiency Institute, the University of Ljubljana Faculty of Chemistry and Chemical Technology, the National Institute of Chemistry, the Slovenian Chemical Society (Slovensko kemijsko društvo), Slovenska Akreditacija, APLAC (Asia Pacific Laboratory Accreditation Cooperation), IAC (International Association of Chemical Analysis), LGC (UK Government Laboratories), MIRS (Measurement Institute), EPTIS (European Proficiency Testing Institute), METTLER TOLEDO, PTB (Physikalisch-Technische Bundesanstalt), the European Commission, the University of Stuttgart Germany, PRIMA lab (a member of the Metrohm group), Sanolabor, and Albatros Congress Tourist Service.

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## Key Topics

- The importance of interpretative PT schemes
- Changes to PTs in developing countries over the last ten years
- Implementing ISO/IEC 17043 for sampling PTs
- Traditional vs. virtual PT items
- Experience of the implementation of EA-4/18
- Use and treatment of measurement uncertainty in PT schemes



## Workshop Format

- Lectures
  - Three invited lectures each morning today and tomorrow
  - Two short presentations today and tomorrow
  - Six short presentations on Thursday
- Working Group Discussions
  - Split into three WG's in the afternoon today and tomorrow
  - Feedback to all delegates
- Social Events
  - Today: 16:45 Excursion to Piran & Marezige
  - Tomorrow: 19:30 Workshop Dinner



A wish you all a very enjoyable  
and beneficial workshop