



# Eurachem

A Focus for Analytical Chemistry in Europe

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

Windsor, UK, 25<sup>th</sup> – 28<sup>th</sup> September 2023

# Welcome

in co-operation with





# Eurachem

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## Welcome on behalf of Eurachem



- Eurachem is a network of organisations within Europe with the mission to promote best practice in analytical chemistry to address the needs and expectations of the analytical community and their customers.
- The key activities of Eurachem are:
  - Identify and define best practice in ensuring the fitness for purpose of results from chemical analysis
  - Develop and publish guidance on best practice in analytical chemistry.
  - Organise workshops and training events (face-to-face and online) to disseminate information and support laboratories and other stakeholders in ensuring quality in analytical chemistry
  - Develop strategies which will cater for new and emerging analytical technologies.
  - Collaborate with other European and international organisations concerned with quality in analytical chemistry
  - Participate in policy setting related to analytical chemistry
- An Executive Committee and several topical Working Groups pursue the organisation's goals throughout the year, often in cooperation with other organisations.



## The Journey to Windsor

- 9<sup>th</sup> Workshop in Portorož, Slovenia was a fantastic success; 199 delegates from 53 countries
- 10<sup>th</sup> Workshop a formality but where to go?
- An offer from UK was gratefully accepted by Eurachem
- Workshop again organised in co-operation with EQALM and CITAC
- Planning started in 2018, venue booked, and dates set for October 2020!



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## The Journey to Windsor

12<sup>th</sup> – 15<sup>th</sup>  
October 2020

**CANCELLED**

27<sup>th</sup> – 30<sup>th</sup>  
September 2021

**CANCELLED**

26<sup>th</sup> – 29<sup>th</sup>  
September 2022

**CANCELLED**

25<sup>th</sup> – 28<sup>th</sup>  
September 2023





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## Local Organising Committee (LGC)



John Pratt  
LGC, Chair



Adele Collins  
LGC, Secretary



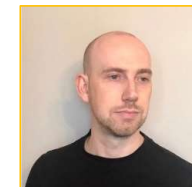
Brian Brookman  
LGC



Heather Jordan  
LGC



Tracey Noblett  
LGC



James Sizer  
LGC



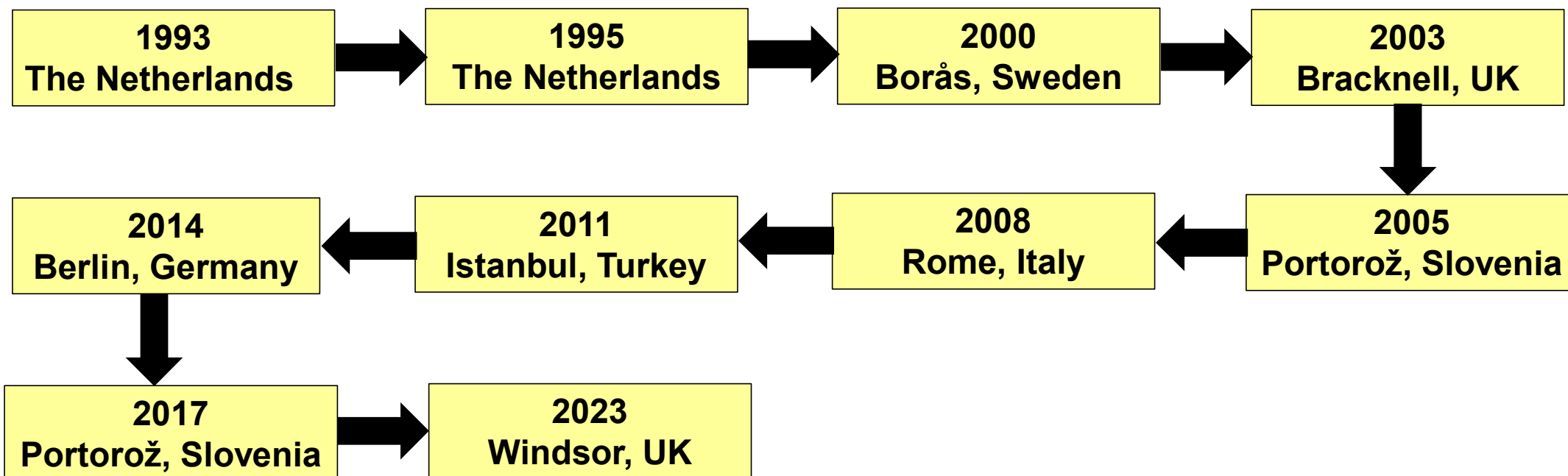
## Welcome on behalf of the Local Organisers

- Firstly, a huge thank you to the extended Local Organising Committee:
  - Brian Brookman
  - Heather Jordan
  - Tracey Noblett
  - James Sizer,
  - **Adele Collins**
  - **Ann French**
  - **Brooke Dawson**





## Workshop History





## Training Courses

- Four training courses held yesterday:
  - Basic Statistics
  - Further Statistics
  - Ensuring the Quality of Proficiency Test Items
  - PT Scheme Design
- Great success – with good feedback
- Special thanks to our trainers
  - Marzia Mancin, Michael Koch, Marina Patriarca, Piotr Robouch, Kees van Putten, Sue Styles and Laura Fielding





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## Workshop Delegates

- We have 194 registered participants from 45 different countries





## Posters

- We have 49 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!





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## Supporting Organizations

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





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## Scientific Committee



**Brian Brookman**  
UK, Chair



**Heather Jordan**  
UK, Secretary



**Caroline Laurent**  
France



**Katherin Breitruck**  
Switzerland



**Kees Van Putten**  
The Netherlands



**Marina Patraiarca**  
Italy



**Markus Obkircher**  
Switzerland



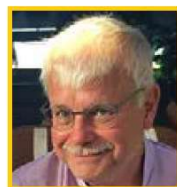
**Michael Koch**  
Germany



**Monika Horsky**  
Austria



**Owen Butler**  
UK



**Piotr Robouch**  
EU



**Raquel Murtula**  
Corbí Spain



**Ulf Örnemark**  
Sweden



**Ulla Tiikkainen**  
Finland



**Erika Sárkány**  
Hungary



**Csilla Belavari**  
Hungary



**Lorens Sibbesen**  
Denmark



**Fatma Akcadag**  
Türkiye



**Marzia Mancin**  
Italy



**Angela Sorbo**  
Italy



## Key Topics

- Revision of ISO/IEC 17043
- Guidance on different methods for setting the standard deviation for proficiency assessment
- Collusion or falsification of results in PT – why does it happen and how can it be prevented
- Comparisons of Synthetic vs Real PT Items
- Performance Assessment in Non-quantitative PT
- Risk Analysis Approach for PT Participation



## Workshop Format

- Presentations
  - 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: 18:00 River Cruise Excursion
  - Tomorrow: 18:30 Workshop Dinner



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**I wish you all a very enjoyable and  
beneficial workshop**