Workshop: Eurachem/CITAC Workshop on Quality in Analytical Measurements: Uncertainty Evaluation and Results Interpretation

Preliminary program

11 May 2026

8:00 Registration

9:00 Opening (Eurachem |CITAC |SPQ |FCUL)

Session 1: Evaluation of the measurement uncertainty

9:20 **Uncertainty in the measurement process** (Steve Ellison)
9:50 **Modelling uncertainty across the working range** (Ricardo Bettencourt da Silva)
10:15 **Trueness-related uncertainty** (Vicki Barwick)

10:40 Coffee break & posters

11:00 Breakout sessions 1 and 2

Breakout session 1	Breakout session 2
How can measurement trueness be tested when various reference materials are available?	How can the variation of the measurement uncertainty with concentration be modelled?

12:00 Lunch

13:00 Breakout sessions reports

Session 2: Conformity assessment

13:30 **Consumer and producers' risks at compliance assessment** (Bertil Magnusson)
14:00 **Conformity with multiple parameters** (Felipe Lourenço)
14:20 **Conformity assessment in the oil and gas industry** (Elcio Oliveira)

14:40 Coffee break & posters

15:00 Breakout sessions 3 and 4

Breakout session 3	Breakout session 4
Conformity with multiple parameters	Decision rule selection

16:00 Posters

16:30 Breakout session reporting

17:00 Closing

20:00 Workshop dinner - Maritime Museum

12 May 2026

9:00 Opening (RELACRE |ForMEQ |SPMet)

Session 3: Qualitative Analysis

9:20 **Assessing the performance of qualitative analysis** (Ricardo Bettencourt da Silva)
9:50 **Validation and quality control of qualitative analysis** (Paulo Pereira)
10:15 **Validation of the identification of microplastics by micro-FTIR and micro-Raman** (Carla Palma)

10:40 Coffee break & posters

11:00 Breakout sessions 5 and 6

Breakout session 5	Breakout session 6
How detailed should qualitative analysis validation be?	How useful is the reporting of qualitative analysis uncertainty?)

12:00 Lunch

13:00 Breakout session reporting

Short communications

Parallel sessions

13:30 - Short communication 01 13:45 - Short communication 02 14:00 - Short communication 03	13:30 - Short communication 04 13:45 - Short communication 05 14:00 - Short communication 06

Session 4: Uncertainty from sampling

14:20 **Review what has been achieved in estimation and applications of uncertainty from sampling (UfS)** (Nathalie Guigues)
14:40 **Identifying the new challenges for Uncertainty from Sampling** (Mike Ramsey)

15:00 Coffee break & posters

15:20 Breakout sessions 7 and 8

Breakout session 7	Breakout session 8
Improving approaches to UfS estimation & VaMPIS* 16:20 - Drafting the report * VaMPIS - Validation of Measurement Procedures that Include Sampling	Helping labs work with samplers on VaMPIS & QC 16:20 - Drafting the report

16:30 Breakout session reporting

17:00 Best poster award (Award coordinator: Mike Ramsey) & Closing

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