

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

Programme

11 May 2026	
8:00 Registration	
9:00 Opening (Eurachem CITAC SPQ FCUL) [Eugenia Totu, Eurachem Chair Ricardo Bettencourt da Silva, CITAC Vice-Chair Vânia Calisto, DQA-SPQ Past President José Nogueira, DQB-FCUL President]	
Session 1: Evaluation of the measurement uncertainty [Eugenia Totu, Eurachem Chair]	
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 (Main Room) How can measurement trueness be tested when various reference materials are available? [Facilitators: Vicki Barwick & David Milde]	Breakout session 2 (Second Room) How can the variation of the measurement uncertainty with concentration be modelled? [Facilitators: Ricardo Bettencourt da Silva & Eugenia Totu]
12:00 Breakout sessions reports	
12:30 Lunch	
Session 2: Conformity assessment [Ricardo Bettencourt da Silva, CITAC Vice-Chair]	
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 (Main Room) Conformity with multiple parameters [Facilitators: Felipe Lourenço & Steve Ellison]	Breakout session 4 (Second Room) Decision rule selection [Facilitators: Bertil Magnusson & Elcio Oliveira]
16:00 Posters	
16:30 Breakout session reporting	
17:00 Closing	
20:00 Workshop dinner	

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12 May 2026	
9:00 Opening(RELACRE ForMEQ SPMet) [Ana Duarte, RELACRE Alice Mosca, ForMEQ Co-Coordinator Olivier Pellegrino, SPMet Vice-President]	
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 μ-FTIR and μ-Raman (Carla Palma)	
10:40 Coffee break & posters	
11:00 Breakout sessions 5 and 6	
Breakout session 5 (Main Room) How detailed should qualitative analysis validation be? [Facilitator: Paulo Pereira & Eugenia Totu]	Breakout session 6 (Second Room) How useful is the reporting of qualitative analysis uncertainty? [Facilitator: Steve Ellison & Olivier Pellegrino]
12:00 Breakout session reporting	
12:30 Lunch	
Short communications	
Parallel sessions	
[Manuel Matos, ISEL] (Main Room) 13:30 - Updates of Handbooks from Nordtest (Bertil Magnusson) 13:45 - The use of collaborative trial in sampling for the validation of measurement procedures (Peter D. Rostron) 14:00 - The Fit for Purpose of Methods in Marine Matrices: The Portuguese Hydrographic Institute approach (Carlos Borges)	[Florbela Dias, IPQ] (Second Room) 13:30 - Assignment of Self-Certified Reference Values for PhotonAssay using ISO 33405:2024 (Makeen Buckley) 13:45 - Measurement Uncertainty in Chemical and Microbiological Analyses: Implications for Conformity Assessment of Live Bivalves (Helena Maria Lourenço) 14:00 - Metrological Sound Assessment of the Risk of Food Exposure to Nitrate from Consumers of a Public Canteen (Cristina M. Oliveira)
Session 4: Uncertainty from sampling [Steve Ellison, LGC]	
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 (Main Room) Improving approaches to Ufs estimation & VaMPIS 16:20 - Drafting the report [Facilitator: Peter Rostron & Steve Ellison]	Breakout session 8 (Second Room) Helping labs work with samplers on VaMPIS & QC 16:20 - Drafting the report [Facilitator: Mike Ramsey & Nathalie Guigues]
16:30 Breakout session reporting	
17:00 Best poster award (Award coordinator: Mike Ramsey) & Closing	