Tbilisi – at the Crossroads of Europe and Asia



Georgia, or Sakartvelo as it is called in the native Georgian language, is a small and beautifully landscaped country located at the crossroads of Europe and Asia. The country is famous for its ancient history, rich culture, wonderful architecture, hospitable people, unique language and alphabet, and delicious cuisine and wine. After all, Georgia is a scientifically proven birthplace of wine with over 8,000 years of winemaking history.

Tbilisi, the capital of Georgia since the 5th century AD, is beloved by visitors for its eclectic charm, exceptional architecture, and interesting cultural life.



Invited Contributions

The Scientific Committee invites participants to submit abstracts for posters on subjects related to the theme of this workshop.

Poster abstracts presented according to the format available from the website should be submitted by 18th March 2022. Proposed abstracts will be subject to approval by the Scientific Committee. Participants will be notified of acceptance by 11th April 2022.

Sponsorship

Requests regarding sponsorship shall be directed to Eurachem2022@gelab.org.ge by 1st April, 2022.

Local Organising Committee

Tamar Labartkava (Committee Chair), Vicki Barwick, Nino Manvelidze, Lia Aptsiauri.

Scientific Committee

Giorgi Ghambashidze (Committee Chair, Georgia), Vicki Barwick (UK), Kyriacos Tsimillis (Cyprus), David Milde (Czech Republic), Nino Manvelidze (Georgia), Tamar Sachaneli (Georgia), Elina Bakradze (Georgia).

Registration

Please note that considering the pandemic situation worldwide and in Georgia, the Scientific Workshop will be held **ONLINE**.

	Early until 31.03.22	Standard 01.04- 30.04.22	Late 01.05- 10.05.22
Delegate	€50	€80	€100
Student	€30	€50	€80



Scientific Workshop in connection with Eurachem General Assembly 2022

Quality Assurance Challenges of Measurements from Field to Laboratory with a Focus on ISO/IEC 17025:2017 Requirements

16-18 May, 2022 Online Workshop

Second Circular

Organized by
Georgian Laboratory Association (GeLab)



Supporting organisations:







Supported by the Global Quality and Standards Programme (GQSP), implemented by the United Nations

Industrial Development Organization (UNIDO), funded by Switzerland through the State Secretariat for Economic Affairs (SECO).

Eurachem

Eurachem is a network of organisations in Europe having the objective of establishing a system for the international traceability of chemical measurements and the promotion of good quality practices.

Workshop Goals

This workshop will be of direct relevance to anyone who is focused on the quality of analytical measurements and the reliability of decisions based on test results in accordance with ISO/IEC17025 requirements, taking into account the influence of factors that exist outside the laboratory environment. Such factors are mainly related to sampling or on-site measurements, and occur in the daily life of laboratories operating in many different fields such as food and beverages, health, environment, forensics, pharmaceuticals, etc.

The workshop will address current practices, challenges, and future recommendations on quality assurance of physicochemical and microbiological measurement methods and their validation, including sampling-related issues.

In addition to hearing presentations from Eurachem and local experts, participants will have the opportunity to discuss topics in detail and exchange experiences during breakout sessions.

The workshop will be of interest to: laboratory staff; technical and quality managers; representatives of accreditation bodies, metrology institutes and standardization bodies; technical assessors; customers of laboratories; PhD students and those involved with education and training in relation to analytical measurements.

More information regarding the workshop, the programme and the registration is available at https://gelab.org.ge/en/Event/Eurachem_2022

Workshop Programme

Monday – 16th May 2022

12:30	Entering the virtual conference room			
13:00	Welcome and opening remarks			
	Session 1			
13:10	 Introduction to Eurachem and its activities Activities of the Eurachem Education and Training Working Group Revision of Eurachem Guides in relation to ISO/IEC 17025 - Developments in the revision of ISO 15189 			
14:15	LUNCH BREAK			
	Session 2			
14:45	 Introduction to PT and the revision of ISO/IEC 17043 Quality control activities in microbiological food testing including PT tests and the relevant interpretations 			
15:30	POSTER SESSION			
16:00	PARALLEL BREAKOUT SESSIONS • Selection and use of certified reference materials • Proficiency Testing			
17:00	SHORT BREAK			
17:05	Feedback from breakout sessions and			
17:25	Closing of Day 1			

Tuesday – 17th May 2022

12:30	Entering the virtual conference room			
Session 3				
13:00	 Assessment of performance and uncertainty for qualitative analysis Use of uncertainty in compliance assessment Evaluating uncertainty for microbiological methods Method validation - overview of accreditation requirements 			
14:40	LUNCH BREAK			

* The time indicated - Georgian standard time (GMT+4 hours)

Workshop Programme

Tuesday - 17th May 2022 - continued

Session 4			
15:10	POSTER SESSION		
15:40	 Planning validation studies Validation and estimation of measurement uncertainty of a new HPLC method for quantitative determination of hesperidin extracted from citrus peel ISO/IEC 17025:2017 requirements for in-house methods and sampling errors during the validation process by GC-MS From field to laboratory for scientific research 		
17:05	Closing of Day 2		

Wednesday – 18th May 2022

12:30	Entering the virtual conference room				
Session 5					
13:00	 Use of in-house method validation data in uncertainty estimation Overview of uncertainty from sampling Difficulties of sampling petroleum products in non-standard conditions Sampling technique of graphene oxide-based nano metal composites and their influence on pathogenic microorganisms Impact of soil sampling on results of laboratory analysis 				
14:50	LUNCH BREAK				
	Session 6				
15:20	POSTER SESSION				
15:50	PARALLEL BREAKOUT SESSIONS Uncertainty & compliance assessment Validation of sampling procedures				
16:50	SHORT BREAK				
16:55	Feedback from breakout sessions				
17:15	Closing of Day 3 and the workshop				

* The working languages of the workshop are: English and Georgian (simultaneous interpretation)