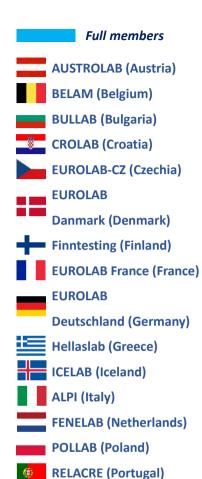
## eurolab

The European Federation of National Associations of Measurement, Testing and Analytical Laboratories

## Quick update on who we are



Associate members LEBLAB (Lebanon) MAKLAB (FYROM) TURKLAB (Turkey) International affiliates ASCOLAB (Congo) NLA-SA (South Africa) NCSL (USA) **Observer members Croatian Metrology** 



# euro db

Representing since 1990 Testing, Measurement and Calibration laboratories. 18 Full Members, 3 Associated Members, **1** Observer Member and **3** International Affiliates

**EUROLAB CH (Switzerland)** 

**EUROLAB Sverige (Sweden)** 

FELAB (Spain)

# eurolab

Grouping over **3 000** conformity assessment bodies and representing **over 150 000** technical experts and laboratory practitioners

#### **General Assembly of Members**

#### **Board of Administrators**

President 2 Vice-Presidents Treasurer 7 Administrators from Members 1 Representative of Associated Members 1 TCQA Chair

Secretariat

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#### **Technical Committee**

TQCA - Technical Committee for Quality Assurance in Testing and Calibration

## **Board of Administrators**



Paolo Moscatti ALPI – Italy President



Alexander Šafařík-Pštrosz EUROLAB-CZ Czech Republic Vice President



Irache Visiers EUROLAB Spain Vice President TCQA Chair



Jean-Luc Laurent EUROLAB France Treasurer



Luc Scholtis FENELAB - Netherlands Board Member



Álvaro Silva Ribeiro RELACRE - Portugal Board Member



Pericles Agathonos HellasLab- Greece Board Member



Leif Madsen EUROLAB Denmark Board Member



**Ewa Bulska** POLLAB Poland Board Member



Michael Nitsche EUROLAB-D Germany Board Member



Ömer Güzel TURKLAB - Turkey Board Member



## **Secretariat: Communication & Public Relations**

- Representation in the EU institutions;
- Monitoring selected EU legislation;
- Organising meetings and events;
- Publication of quarterly newsletter, position papers, communication materials;
- Cooperation with relevant stakeholders;
- Raising visibility within laboratory communities;
- Active involvement in EU projects.



Laura Martin





Martina Razzaboni
Policy Officer



**Drewin Nieuwenhuis** 

**Former Secretary General** 





### **EUROLAB priority areas of focus 2022**

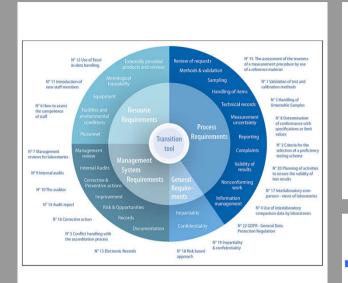
- Regulation Bodies: EU legislation in testing, conformity assessment and product safety developments
- Metrology and Calibration
- . Accreditation & Standardisation
- The lab of the future developments including machine learning, digitalisation, cybersecurity, robotisation, AI, blockchain etc.
- ESG: Sustainability, Green Deal, Corporate Social Responsibility
- Business continuity and resilience: pandemics, climate change, and other natural events







### **Activities and Key Publications**



a management

AI – Artificial Intelligence

nternet of Things)

Lab of

the future

Data integr





#### EUROLAB Special Briefing

The laboratory of the future 4.0

The laboratory world is changing. Against the background of an increasing digitisation, various processes and structures must be rethought for the laboratory of the future. Indispensable for the baginning of the new en are networked is laboratory devices with intelligent and smart functions, complex holds outcomation concepts and efficient interface solutions. In the age of personalization, the continuous availability of vast amounts of data places new demands on data handing and accure data stronge.

Digitization has arrived in the laboratory, and with it, a paradigm shift is emergin

Drive by increasing complexity of laboratory processes and the surge in legal regulations, efficient and safe work in the laboratory is becoming ever more important. Automatel laboratory steps and optimized work processes make significant contributions to meeting these goals. It is necessary to create a flexible laboratory environment that is individually laborator to the user's current needs. At the same time, the sim is to increase the quality of the analysis' results, combined with the possibility of recording, organising and automatically evaluating larger encounts of data.

THE SE WE NOT STOLEN.

Cybersecurity

#### **EUROLAB ACTIVITIES**

## EUROLAB TCQA: Technical Committee on Quality Assurance

- Publication of EUROLAB Cookbooks on ISO 17025 and technical reports
- Joint webinars in cooperation with EURACHEM on decision rules and sampling
- International forum for laboratories to exchange key information and data
- Remote Assessments Horizontal Task
   Force

#### The Lab of the Future Project

- Looking into project application under Horizon Programme
- Publication of Position Paper on AI
- Webinar on the Lab of the Future and key challenges ahead for laboratories

19-20 MAY 2022 ROME, ITALY

### SAVE THE DATE

#### GENERAL ASSEMBLY & ACCOMPANYING EVENTS



**19 May 2022** 14:15-18:00

**International Conference** 

THE LAB OF

THE FUTURE

Centro Congressi Cavour,

Rome (Italy)

#### **EUROLAB General Assembly 2022**

This year, EUROLAB General Assembly 2022 & Accompanying Events took place on 19-20 May 2022, in Rome (Italy) at the Centro Congressi Cavour, kindly hosted by ALPI Associazione.

#### Hosted by



#### The Lab of the Future - International Conference

The international EUROLAB-ALPI-ASSOTIC conference, which took place on 19 May 2022 in Rome (Italy), was dedicated to the Lab of the Future.

With more than 100 participants, the debate addressed key topics for the laboratory world, as digital transformation, cybersecurity, evolution of metrological skills in the digital factory and lab, and the green lab of the future.

## <u>eurolab</u>

## eurolab

Find here the highlights from EUROLAB GA and Accompanying Events.

During EUROLAB General Assembly, Laura Martin, former Secretary of the EUROLAB Board, was elected as Secretary General, following the mandate of Drewin Nieuwenhuis, who had been Secretary General for the last couple of years. The entire EUROLAB community took the chance to thank Mr Nieuwenhuis for his valuable contribution, dedicated work and continuous commitment to EUROLAB and wish him all the best for the future, as well as the best of luck to Ms Martin in her new endeavours as Secretary General. • Read more on the Press Release.



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## Follow-up: Horizon project "Lab of the Future"

Various ideas and examples of possible projects were presented, amongst which:

- Develop a mobile application for reading analysis results for end users (internal and external) or mobile application for verification of analysis, entry of notes, entry of inventory, overview of status, etc.
- Use Blockchain technologies to build up a new digital system/programme as an enabler better transparency and efficiency of the market, traceability of testing reports and certificates issued.
- Build up a project that looks into developing a trustworthy digital system that provides trust in conformity assessment and traceability.



#### Next steps...

As there are many aspects to be identified, from the market needs and capacity building to looking into the angles, nature and key focus areas of the projects, it was discussed the possibility to create a smaller working group that will meet in the upcoming weeks to start building up the project foundation.

## eurolab

#### **TCQA** leaflet on Decision rules

TCQA\_21\_39 Rev. n. 1 Res. Per. Mr. Álvaro Silva Ribeiro, RELACRE, and Mr. Christian Müller-Schöll, EUROLAB-CH



#### WHAT IS A CONFORMITY STATEMENT INVOLVING A DECISION?

#### Introduction

In a first step, a testing or calibration laboratory would produce some kind of **result** according to your order. This result comes by its very nature with an **uncertainty** which the laboratory calculates and usually states in the report document.

#### **EUROLAB new leaflet**



Special briefing on the Current status of conformity assessment and accreditation policy in UK



#### EUROLAB Special Briefing

The current status of conformity assessment and accreditation policy in the UK

## Special briefing on the Laboratory of the future 4.0



#### **EUROLAB Special Briefing**

The laboratory of the future 4.0

## **EUROLAB Key Publications**







#### EUROLAB Newsletter No. 1/2022

The first number of this year's quarterly newsletter, published at the beginning of April, presents a brand new layout, featuring the latest updates and key information regarding news from the members, EUROLAB highlights, upcoming international events and much more

#### **EUROLAB Annual Report**

The Annual Report 2021 has been published and includes an overview of EUROLAB's most notable achievements and landmark events for 2021, with details on the current and future activities, international collaborations, projects of interest to laboratories and the latest news from the Technical Committee on Quality Assurance. The document summarizes EUROLAB's involvement in the laboratory community and the cooperation with its stakeholders.



- Keeping our members informed: Accreditation and standardisation weekly updates, weekly media updates with the latest news on key issues of relevance for our members.
- Policy monitoring and informing our members of any developments at the EU level on legislative packages: Product Safety, AI, Energy Envi, Cybersecurity, Digitalisation, Medical Devices and Health, Trade, Food.





## Key Days and Events in 2022



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varo Silva Ribeiro

- ✓ 23 April: World Laboratory Day
- ✓ 20 May: <u>World Metrology Day</u>
- ✓ 5 June:
   World Environment Day
- ✓ 9 June:
   World Accreditation Day
- ✓ 14 October:
   World Standards Day
- ✓ 10 November:
   World Quality Day



## **Cooperation with Key Stakeholders**



#### **International Cooperation EUROLAB Research Council** EURACHEM GALAXY EURAMET EFNDT NCSLI **IMEKO** ASCOLAB **TIC Council** National TIC Galaxy Association EUROLAB COUNCIL PARTNERS EA LC EA EUROLAB LAB EA IC Members GA TCQA General ILAC (Technical GA Assembly Committee for Quality Assurance) EA Board of ILAC AB Administrators LC ILAC ISO LC EAAB CASCO EEE CA WG PT eurolab





A focus for analytical chemistry in Europe





In 2021 EUROLAB renewed & signed **MoUs with key stakeholders** to enhance cooperation on key topics of relevance for the laboratory community .



Will work closely together in identifying key activities to further develop, undertake collaborative tasks & exchange of expertise on topics of common interest.





#### What factors could influence the validity of a sample?



"Discussion Forum on the Validity/Validation of Sampling Procedures" - Wednesday, 4 May 2022

Joint Eurachem-EUROLAB event to kick start the work of the Task Group established to give better guidance on how validity of sampling procedures preceding chemical analysis in a laboratory can be improved.

#### More than 250 participants!

EUROLABPresident,PaoloMoscatti,delightedtopresentEUROLABactivitiesduringtheEURAMETGeneralAssemblyon31 May 2022

EURAN

16th EURAMET General Assembly Week Programme and Information

30 May – 2 June 2022 Hybrid meeting: BEV, Vienna (Austria) and online



## **IMEKO Conferences** we are supporting



## M4Dconf 2022

IMEKO TC 6 – First International Conference on Metrology and Digital Transformation

19. – 21. September 2022

IMEKO TC11&24 JOINT CONFERENCE

EXTENDED ABSTRACT SUBMISSION DEADLINE to the **10th of May** 2022

IMERO TCS | TCS | TCS | TCS | TC2 International Conference Dubrovnik, Croatia -11-13 October 2022



#### IMEKO TC1+TC7+TC13+TC18 & MATHMET Joint Symposium

-Cutting-edge measurement science for the future ISEP, Porto, 31 Aug. – 2 Sep. 2022



## $\bigcirc$

## Joint Cooperation with TIC Council

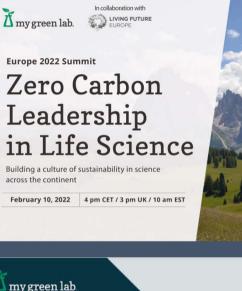
EUROLAB is continuing the close collaboration with TIC Council, working together on various key topics in relation to accreditation and standardisation matters, food and ESG policy developments, as well as cooperating on the EUROLAB Horizon Europe Project "Lab of the Future".

EUROLAB is an Associated Member of TIC Council and shares joint Secretariat in Brussels.





## Cooperation with My Green Lab



EUROLAB and My Green Lab partnered up for the Europe 2022 Summit on **"Zero Carbon Leadership in** Life Science" - 10 February 2022



EUROLAB marketing partner of My Green Lab Summit 2022 - 26 May 2022

It featured interactive sessions, technical talks covering waste, energy, water, and chemicals, as well as panels about community engagement around lab sustainability.





- EUROLAB was identified by EY as an important member of the product testing eco-system and following an approval by the Board Members is cooperating actively with CASP for dissemination and support.
- <u>Feedback</u> on the **EC Consultation on Market surveillance procedures for the designation of EU testing facilities.**
- TIC Council and EUROLAB held a joint meeting with the new D3 Market Surveillance Unit of the European Commission in DG GROW, to present the activities in the international sphere as well as to understand the priorities of the D3 Unit in the months to come.
- **DG Communications Networks, Content and Technology** -Technologies and Systems for Digitising Industry Artificial Intelligence welcomed EUROLAB position paper in response to the EC report COM(2020) 65 final: "On Artificial Intelligence - A European approach to excellence and trust".

## Engagement with the EU and international organisations

 Further expand our collaboration with UNIDO organising a joint webinar and focusing on EUROLAB cookbooks and activities initiated in developing countries.





Cooperation and Engagement with our Members

### The added value of EUROLAB Membership





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#### 3M<sup>™</sup> Moleküler Tespit Sistemi

#### Tarihçe

2011 3M<sup>™</sup> Moleküler Tespit Sistemi Piyasaya Sürüldü

- Testler dahili bir amplifikasyon kontrolü gerektirmez.
- Bst polimeraz enzimi, sürekli ve hızlı izotermal amplifikasyon sağlayan DNA zinciri yer değiştirme aktivitesine sahip benzersiz bir enzimdir.

2015 Yeni Nesil 3M™ Moleküler Tespit Testleri piyasaya sürüldü Basit bir nükleik asit amplifikasyon tekniği ile sağlam, verimli, hassas, spesifik testler.

- 3M nanoteknolojisine dayalı yeni kimyasallar.
- Daha fazla kontrol için benzersiz renk değişimi.
- ✓ Gelişmiş izotermal teknoloji, eski PCR ve antikor bazlı sistemlerin sınırlamalarının üstesinden gelir.
- ✓ Hızlı ve kolay kurulum için sezgisel kullanıcı arayüzü.

🖌 Gerçek zamanlı sonuçlar, kritik kararların daha hızlı alınmasına yardımcı olur. Kompakt

cihaz her laboratuvara sığar.

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**Paolo Moscatti**, EUROLAB President and **Laura Martin**, EUROLAB Secretariat – represented EUROLAB at the **International CROLAB** conference in Brijuni.

Supporting our members with the **promotion and visibility** of their **activities** and **events**.





On 7 and 8 April 2022, the EUROLAB Secretariat visited **RELACRE**-Associação de Laboratórios Acreditados de Portugal, the Portuguese EUROLAB national member.

This was a great occasion to foresee new developments and plan innovative engagement strategies with EUROLAB members, and support with upcoming RELACRE-LNEC initiatives.



| 15:45 - 16:15                           | Anton Blöth - German Independent Laboratories<br>Association (VUP e.V) |
|---|--|
|   | "Challenges and opportunities on the way to the digital lab 4.0"       |
| 16:15 - 16:30<br><mark>Sessão II</mark> | Networking @ coffee  |
| 16:30 -17:15                            | Mesa redonda "Auditorias remotas"                                      |
|   | Maria Ascensão Trancoso – Moderador                                    |
|   | Sónia Baleiro - EDP LABELEC  |
|   | Glória Isidro - INSA   |
|   | Isabel Tavares Grilo - GALP  |
|   | Maria de Jesus Tavares - ASAE  |
| 17:15 - 17:30                           | Cerimónia de encerramento  |
| 17:30                                   | Porto de honra   |



#### V Congreso Ibero-americano d LABORATÓRIOS

17 a 18 de outubro de 2018 · Portugal, Lisboa, LNEC

I Congresso Internacional de AVALIAÇÃO DA CONFORMIDAD Presente e Futuro 19 de outubro de 2018 - Portugal, Liaboa, LNEC

### EUROLAB as engagement platform and experts' forum for its members

Some examples of activities that brought an added value to our Members' organisation - **RELACRE** 

- Participation in a European Call on environment with **TURKLAB**
- 4 Ibero-American Congresses in Spain and Portugal
- Online meeting with the BoA of HellasLab (2022)
- **Speakers** in National and International events, as:
  - Drewin Nieuwenhuis (CEOC and EUROLAB)
  - Manfred Golze (EUROLAB Germany)
  - Hanane Taidi (TIC Council)
  - Bernd Kroon (FENELAB)
  - Jiri Sobola (EUROLAB Czech)
  - Irache Visiers (EUROLAB Spain)
  - Anton Blöth (EUROLAB Germany)

## Inquiry to EUROLAB Members



This survey is being promoted by EUROLAB in order to:

- Obtain updated information about the membership;
- Get the input from our members on their focus areas;
- Collect feedback on key priorities in their fields & activities.



# <u>euro</u>lab

## Thank you for your attention!

**EUROLAB** Secretariat

Rue du Commerce 20/22, B-1000 Brussels

Contact Person: Laura Martin, Secretary of the EUROLAB Board

Email: laura.martin@eurolab.org