



eurolab



**Annual Report
2021**

Table of Contents

| | | |
|----|---|---|
| 2 | • | Forword by the President, Mr. Paolo Moscatti |
| 4 | • | Forword by the Secretary General, Mr. Drewin Nieuwenhuis |
| 5 | • | EUROLAB in Brief |
| 9 | • | EUROLAB Highlights 2021 |
| 16 | • | EUROLAB TCQA Activities |
| 17 | • | EUROLAB Lab of the future - Horizon Programme |
| 18 | • | EUROLAB Structure |
| 19 | • | EUROLAB Members |
| 20 | • | Conclusions |

Forward by the President, Mr. Paolo Moscatti



Dear Reader,

You can find here the EUROLAB aisbl Annual Report which provides an overview of the most relevant actions and events of 2021. I would like to take the opportunity to address various thank you remarks, to welcome our new representatives and to look forward to new opportunities.

On April 27, 2021, the General Assembly renewed the Board of Administrators. I would therefore like to remember and thank the colleagues, who have not expressed their availability for re-election, for all their remarkable contributions in recent years: José Luis Sanchez, Kurt Ziegler, Bernd Kroon. I would also like to extend special thanks to Álvaro Silva Ribeiro and Kurt Ziegler. Álvaro was President of EUROLAB from 2015 to 2021, he led the Federation with competence and balance, combined with great kindness. With his guidance we have overcome difficult moments, such as the outbreak of the pandemic with the consequent need to quickly adapt the way we collaborate, decide and implement decisions. It goes without saying that we are happy to still be able to count on his contribution within the renewed Board of Administrators.

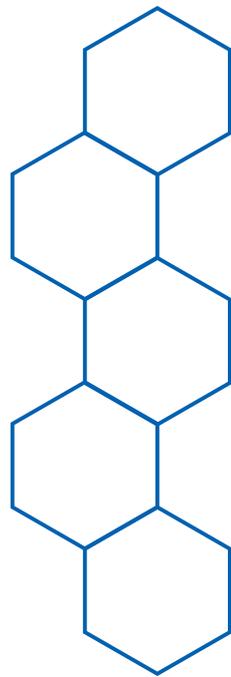
Kurt Ziegler has been for all of us, and for me, a constant, authoritative, decisive point of reference, a dispenser of precious advice that helped me to better understand the structure of EUROLAB and the spirit of our volunteer mission at the service of European Community of Laboratories. Thanks to Kurt and a warm greeting, hoping that he still finds time to be close to EUROLAB.

Unfortunately, in 2021, following Brexit, we also had to record the exit from EUROLAB of BMTA (British Measurement and Testing Association), represented by Tony Smith. We hope for their return and a close collaboration in the near future.

Furthermore, I welcome the newly elected and re-elected Administrators: Michael Nitsche, Irache Visiers (Vice-President and Chair of TCQA), Luc Scholtis and Leif Madsen, Ewa Bulska, Jean-Luc Laurent (Treasurer), Alexander Šafařík-Pštroz (Vice-President), Álvaro Silva Ribeiro (former President), Ömer Güzel and Pericles Agathonos. They have the challenging task of supporting my Presidency, a position that I am privileged to undertake and to work towards meeting their expectations and those of our members.



Last but not least, I would like to mention and thank the collaborators of the Secretariat: Drewin Nieuwenhuis (Secretary General), Laura Martin and Giuseppe Filiti. Special thanks to Hanane Taidi Director General of TIC Council who kindly helped us in managing issues related to the sharing of the Secretariat.



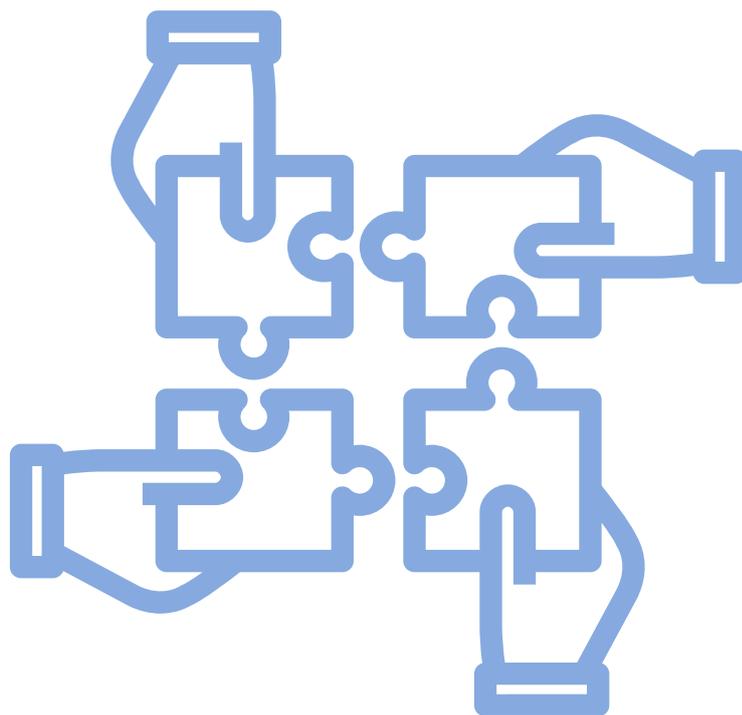
Within the annual report you will also find the topics of key relevance for the current year. As you can see, these are complex topics that will affect the business of many of our associates. To achieve these objectives, it is necessary to strengthen the relationships between our associations within EUROLAB and implement the Memoranda of Understanding signed with the stakeholder organizations: EURACHEM, IMEKO and in the near future with EURAMET.

In other words, it is necessary to liaise key strategies with best practices, and this can be achieved with the broad involvement of our Members and their associates which is essential. My wish and hope is therefore, an invitation to wider collaboration and support for activities aimed at creating value for Members, their associates, and stakeholders.

Trusting in your contribution, you will always find us ready to welcome your opinions and suggestions.

A cordial greeting,

Paolo Moscatti, EUROLAB President



Forword by the Secretary General, Mr. Drewin Nieuwehuis



Dear Reader,

The past year has been marked by the ongoing pandemic challenges and transformations in the work environment, changes of regulations and practices which brought about new adaptation methods for the laboratory community and for all the operational sectors. Tele-working has still been practiced throughout the year while face to face meetings have started slowly to resettle.

We organised several TCQA and Board Meetings in the online environment, yet we had also the chance to have a hybrid National Members' Meeting which was a reminder that the social interaction is still a significant factor in the communication strategy and a driver of collective ideas.

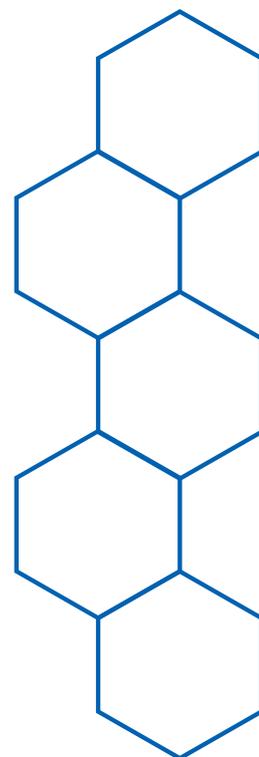
The pandemic has also accelerated the development of new technologies within the laboratory community where Artificial Intelligence is increasing more and more its importance and use. Digitalisation is the key in achieving the rebirth of traditional laboratories and it offers various means and tools for their upgrade. With this, cybersecurity threats increase and a greater involvement in the technological sphere is needed to protect our data and to provide the expected results. The Lab of the future has to adopt and embrace the fast pace technological advancement which is supported by EUROLAB.

In 2022, EUROLAB's focus will be on further exploring opportunities to get engaged and further research the topic of the Lab of the future, while keeping a strong collaboration with its key stakeholders and supporting the needs and interests of the laboratory community.

EUROLAB will also continue being involved in sectors such as metrology and calibration, accreditation and standardisation matters, which have a considerable role for the members and future projects which add value to the laboratories. I wish you all a safe and healthy 2022.

With my friendly greetings,

Drewin Nieuwenhuis, EUROLAB Secretary General



EUROLAB in Brief

EUROLAB is the European Federation of National Associations, grouping together 25 National Association of accredited laboratories, composed of 18 Active Members, 3 Associated Members, 1 Observer Member and 3 International Affiliates from Europe and beyond. It represents and voices the opinions of measurement, testing and analytical laboratories regarding economic, political and technical issues having a direct impact on laboratories' activities both on the European scene and worldwide.



Any laboratory may join and become a member of the European community that EUROLAB represents by subscribing to its National Association. EUROLAB has proved very effective in influencing policies and regulations at the European level. Its voice on behalf of the measurement and testing laboratory community in Europe is one which is heard and respected.

It is currently engaged in influencing EU policies including those on conformity assessment and accreditation of notified bodies. EUROLAB has Memoranda of Understanding with IMEKO (International Measurement Confederation), EURACHEM (A focus for Analytical Chemistry in Europe) and closely collaborates with EURAMET (European Association of National Metrology Institutes), TIC Council, UILI (The Union Internationale des Laboratoires Indépendants).

EUROLAB is an Associated Member of TIC Council - the International Association representing independent testing, inspection and certification companies.

EUROLAB represents its members' interests in influencing the development of international standards and accreditation rules through its engagement with ISO, ILAC and EA and their constituent working groups.





EUROLAB Membership Categories

EUROLAB members are divided in four categories, based on different requirements depending on the profile of the applicant; all of them must be constituted under the laws and regulations of their country of origin:

Active members: one legal not-for-profit entity per member of the EU or the EFTA, which must have demonstrated its representative character concerning public or private measurement, testing and analytical laboratories within its national community;

Associated members: one legal not-for-profit entity per country from countries eligible for membership to the European Union or EFTA, or which country is a participating member of the European Neighbourhood Policy, which must have demonstrated its representative character concerning public or private measurement, testing and analytical laboratories within its national community;

Observer members: legal entities or associations or groups of organisations not eligible for active or associated membership, with an interest in measurement, testing and analytical activities;

International affiliate members: legal entities or associations or groups of organisations constituted under the laws and regulations of their country of origin not eligible for active or associated membership, with an interest in measurement, testing and analytical activities.

EUROLAB Objectives



Representation by formulating and voicing the opinion of European laboratories regarding political and technical issues having a direct impact on their activity, both on the European scene and worldwide.

Coordination by interfacing with all European organisations having activities of interest to the laboratory community, and striving to avoid duplication of efforts and activities.

Action by providing adequate means for exchange of information and experience, such as the publication of our Position Papers, Technical Reports, Newsletter, Seminars, and Working Groups etc.

Promoting cost-effective testing, calibration and measurement services, for which the accuracy and quality assurance requirements should be adjusted to the actual needs.

EUROLAB Secretariat

In order to be a recognized stakeholder and to be actively involved in EU-related matters and increase its visibility on the EU scene, it was important to be located in Brussels. EUROLAB has joined Secretariat with TIC Council with office premises in Brussels.

The EUROLAB General Secretariat firstly provides a platform for our members to discuss their issues of concern and to exchange information and viewpoints, and, secondly acts as a facilitator of members' interests to the EU institutions. The General Secretariat supports also the Technical Committees which provide expert input on key legislative or standardisation initiatives as well as works closely together with key stakeholders on common issues of interest for the laboratory community.

Services provided by the EUROLAB Secretariat:

- Representation in the EU Institutions and key events
- Monitoring selected EU legislation
- Monitoring of ISO, EA, ILAC and IAF work and engage when applicable
- Organising meetings / webinars/ events
- Publication of quarterly newsletter / position papers / briefings
- Participation in European Projects
- Cooperation with key stakeholders



EUROLAB priority areas of focus for 2022:

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



SECRETARY GENERAL

Drewin Nieuwenhuis

drewin.nieuwenhuis@eurolab.org



**INTERNATIONAL AFFAIRS MANAGER
and SECRETARY of the EUROLAB BOARD**

Laura Martin

laura.martin@eurolab.org



POLICY OFFICER

Giuseppe Filiti

giuseppe.filiti@eurolab.org



POLICY OFFICER

Ioana Voicila

ioana.voicila@eurolab.org

If you wish to find out more about EUROLAB activities, our members and the developments in the laboratory community please contact us:
info@eurolab.org.

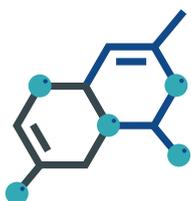
EUROLAB Highlights 2021

Signed Memoranda of Understanding



EUROLAB and Eurachem signed a Memorandum of Understanding (MoU) on 19 October to enhance cooperation on key topics of relevance for the laboratory community. The MoU established that EUROLAB and Eurachem will work closely together in identifying key activities to further develop and undertake collaborative tasks, as well as exchange expertise on topics of common interest.

The regular communication between the Chairs and Secretariats will enable coordination and joint positions on policy matters of interest to the European laboratory community and its customers, such as the European Commission R&D programmes, pre-standardisation activities, standards for laboratories and accreditation practices. Eurachem and EUROLAB will work together in the organisation of joint events, contributing to the joint work in working groups of mutual interest (e.g. on development of guidelines) and assist each other in finding suitable experts for dealing with specific tasks, such as sampling and decision rules.



eurolab



EUROLAB and IMEKO signed a new MoU to consolidate their communication and collaboration on joint future projects on 2nd of December. The two organisations have agreed to keep each other's updated regarding their activities, events, publications, cooperate in the organisation of joint events and for the creation of common projects like webinars, participate in scientific events and engage in technical and scientific research.

A successful outcome of the meeting was the cooperation opportunities regarding the organisation of IMEKO events where EUROLAB will be an official partner. The successful meeting was closed with the decision of maintaining a close communication for the identification of future collaboration opportunities on subjects of interest such as Decision Rules and Sampling, Lab of the future and Digitalisation.

Strategic Meetings 2021

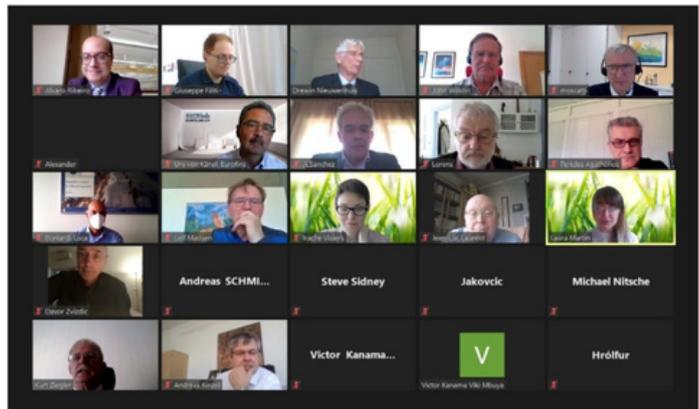
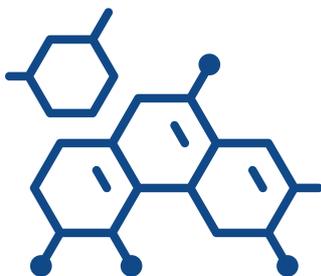
On the 19th of April, [TIC Council and EUROLAB](#) held a joint meeting with the new D3 Market Surveillance Unit of the European Commission in DG GROW, led by Mr. Matthias Schmidt-Gerds as Head of Unit. The purpose of the meeting was to present to the new Unit, TIC Council and EUROLAB's activities in the international sphere as well as to understand the priorities of the D3 Unit in the months to come.

Several policy insights were shared among the participants and the new Unit looks forward to working with both EUROLAB and TIC Council on a number of different issues, namely the support to the implementation of Regulation 2019/2020 and associated actions, the work around the revision of the NLF and international trade issues.



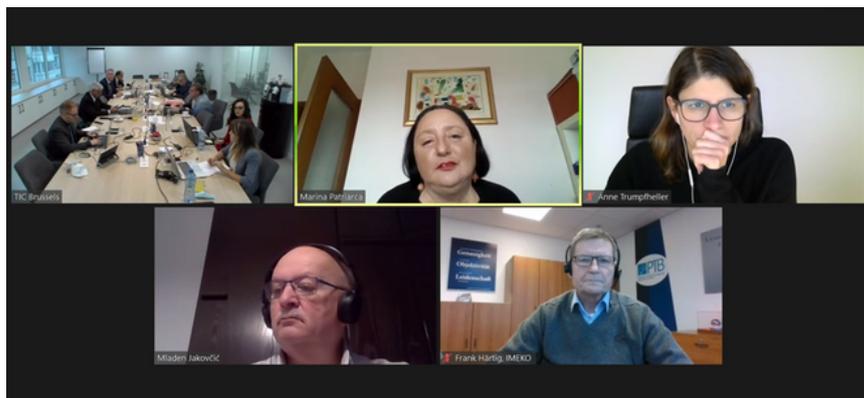
On April 27th, 2021 EUROLAB held its [General Assembly](#) meeting and the latest relevant issues for EUROLAB and the world of laboratories were discussed. It was celebrated as well the 31st Anniversary of this association, which came together for the first time on April 27th, 1990. The day was marked by a variety of topics and actions, among which:

- A report on the latest EUROLAB activities for 2020 and the first months of 2021;
- An update on the latest EU policies of interest for the EUROLAB members;
- The approval of the financial report for 2020 and the budget for 2021;
- Brainstorming on key collaborations and future opportunities for EUROLAB;
- The election of the new Board members, President, Vice-Presidents and Treasurer;
- Since April, the new President of EUROLAB has been Mr. Paolo Moscatti.



EUROLAB organised a successful [National Members' Meeting](#) on 16 November 2021 which was a hybrid event that welcomed representatives from the following key partners: EURACHEM, EURAMET and IMEKO. The main theme of this year's meeting was the importance of collaboration and joint efforts between stakeholders, in this regard, various key activities and cooperation opportunities were explored.

Updates from TCQA were also provided, such as the publication of the CookBook N. 18 on Risk-Based Approach and CookBook N. 3 on Handling of Unstable or Deviating Samples, undergoing translations of CookBooks 21-22-23 and the project the Remote Assessments Horizontal Task Force as well the activities of the Decision Rules Working Group.



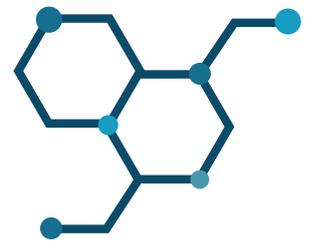
The EUROLAB Secretariat shared information about the communication towards its membership through the publication of key documents such as special newsbriefing on Laboratory of the Future 4.0, Position Paper on Artificial Intelligence, new leaflet, quarterly newsletter.

EUROLAB – EURACHEM meeting on strategic communication and collaboration. As a result of the successful recently signed MoU, EUROLAB and EURACHEM continued their strategic cooperation marked by an online meeting on 17th December, 2021. Common subjects of interest for both organisations were further explored such as the work developed by the recently created Task Group on the validation of sampling; the organisation of joint webinars on key topics such as decision rules, validation of sampling procedures as well as the Lab of the future.



The representatives of both organisations agreed on the importance of participating in each other's conferences and getting involved in events at the national level to raise awareness and visibility among the members. Moreover, the meeting focused on the communication strategy pointing out the importance of a regular exchange of expertise including key publications, key relevant data, technical expertise, policy updates as well as the revision of guidance documents such as the "Guide on software validation"

Online Events



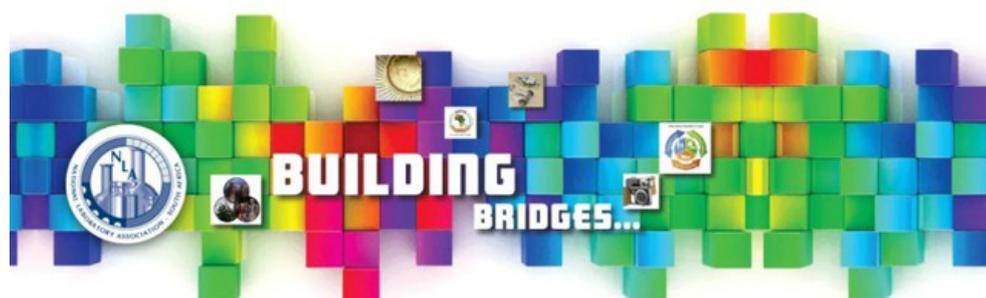
EURAMET - EUROLAB Partnership: Metrology for Digital Transformation, 23-24-29 September. EURAMET held in September a webinar series on metrology, of which EUROLAB has been delighted to be an official partner. EURAMET, the European Association of National Metrology Institutes, fosters the strategic digital transformation of metrology in line with both the aims of the European Commission to achieve a fair, competitive and digitally advanced economy, as well as the specific needs of EURAMET's members. To support the topic and the engagement with stakeholders in the area, EURAMET has organized a series of free online sessions providing insights on recent advancements in fields such as data management, digital processes & technologies in metrology, machine learning & artificial intelligence.

eurolab



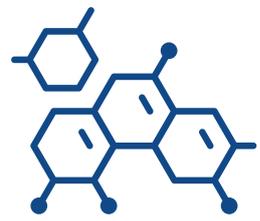
EURAMET

The Test & Measurement 2021 Conference took place on 25-26 October, in the online environment, organized by EUROLAB member the National Association of Laboratories (NLA) – South Africa. The agenda included building bridges to improve measurement accuracy in climate change, food safety and laboratory medicine presented by Robert Wielgosz, BIPM - Director of the Chemistry Department; Update on Calibration/Testing in Europe, presented by Álvaro Ribeiro, Board Member & Past President - EUROLAB; What has the NLA done during Covid, presented by Steve Sidney, Executive Director of NLA-SA; Value of Artificial Intelligence in Laboratories, presented by Archana Arakkal Practice lead: intelligent data division Synthesis Software.



eurolab

Key Publications



EUROLAB has published several newsbriefings that are of interest for its membership and laboratory community.

A special newsbriefing regarding the [Status of conformity assessment and accreditation policy in the UK](#). It focused on the new UK legal framework and Technical Barriers to Trade, revised rules on conformity assessment and the future of the conformity assessment bodies outside the UK.



EUROLAB Special Briefing

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

Another newsbriefing was focused on the [Laboratory of the future 4.0](#), presenting the changes in the laboratory world related to industry 4.0 against the background of an increasing digitisation, bringing new perspectives and possibilities for the laboratory of the future and laboratory automation as an innovation driver.



EUROLAB Special Briefing

The laboratory of the future 4.0

EUROLAB supported as stakeholder the [EMPIR Project “Examples of Measurement Uncertainty Evaluation”](#) (EMUE) and shared with the International Laboratory Community information related to the research, development and innovation as well as links to updated information. The project provided a comprehensive set of worked examples illustrating how principles of measurement uncertainty evaluation can support documentary standards and guides.



EUROLAB supports the EMPIR Special Project “Examples of Measurement Uncertainty Evaluation” (EMUE)

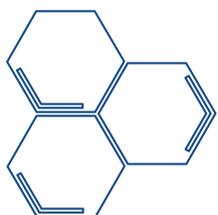
EUROLAB aisbl is proud to support as stakeholder the EMPIR Project “Examples of Measurement Uncertainty Evaluation” (EMUE) and to share with the International Laboratory Community information related with the R&D developments and links to updated information.



EUROLAB published several materials that bring added value for its membership such as its [new leaflet](#), the [TCQA leaflet on decision rule](#) as well as key messages from the [President](#).



Collaboration and key representation at events



The 16th CROLAB [International Conference](#): Paolo Moscatti, President of EUROLAB and Laura Martin, International Affairs Manager, represented EUROLAB at the 16th CROLAB International Conference, contributing to the panels with insights on the EUROLAB activities and international cooperation, as well as providing the latest data on the TIC Market. Very fruitful and interesting discussions with the panelists and participants on the role of laboratories in the economy.



EUROLAB and IMEKO officially invite you to the conference on "Chemical measurements towards a sustainable future".

The IMEKO TC-11 (Measurement in Testing, Inspection and Certification) and IMEKO TC-24 (Chemical Measurements) are delighted to invite you to participate to their joint conference - "Chemical measurements towards a sustainable future"-, where EUROLAB is an official partner. The conference will be held in hybrid format, both in Dubrovnik (Croatia) and online from 17th to 20th of October 2022.

For more details about the TCs and their events, please access [TC 11](#) and [TC 24](#) websites.



eurolab

General Chair
Tatjana Tomić, Croatia

Local Organizer
Mladen Jakovčić, Croatia

Technical Program Chairs
Hongmei Li, China
Leonardo Iannucci, Italy

Scientific Committee
Leonardo Iannucci (Chair)
Donatella Albanese, Italy
Aleksandra Aleksić, Serbia
Carolina Andrade, Brazil
Emma Angelini, Italy
Jovan Atanasovski, Republic of North Macedonia
Sandra Babić, Croatia
Süleyman Z. Can, Turkey
Ana Čop, Croatia
Carlos Costa, Portugal
Leila Es Sebar, Italy
Aimé Lay-Ekuakille, Italy
Přemysl Fňil, Czech Republic
Sabrina Grassini, Italy
Hongmei Li, China
Luca Lombardo, Italy
Maryna Mikhalieva, Ukraine
Patience Ngeinkoto Mpia, D.R. of the Congo
Raquel Queiroz, Portugal
Carmen Sánchez, Spain
Giulio Sassi, Italy
Michela Segà, Italy
Kittiya Shearman, Thailand
Dan Song, China
Christabel Yan, United Kingdom

IMEKO TC-11 & TC-24 JOINT HYBRID CONFERENCE

17th-20th October 2022, Dubrovnik, Croatia

THE TECHNICAL COMMITTEE ON CHEMICAL MEASUREMENTS WILL HOLD ITS FLAGSHIP CONFERENCE UNDER THE MOTTO:

Chemical measurements towards a sustainable future

Call for papers



The IMEKO TC-11 (Measurement in Testing, Inspection and Certification) and IMEKO TC-24 (Chemical Measurements) invite you to participate to their joint conference, to be held in hybrid format, both in Dubrovnik (Croatia) and online from 17th to 20th of October 2022.

Conference topics

- Environmental measurements in health sector
- Traceability of environmental measurements in different matrices (water, soils, sediments, etc) at regulation limits levels
- Measurement traceability in conformity assessment
- Traceability of on-site measurements
- Drug delivery monitoring and assessment
- Chemical and biochemical sensors
- Measurements and sensors for health and medicine
- Measurements for food and agriculture
- Measurements in energy and advanced fuels development
- Biomedical robotic methods
- Data integrity in chemical laboratory
- Identifying the unknown, beyond the classical analysis
- Measurements for Cultural Heritage
- Electrochemical Measurements and Corrosion

Submission

Authors are kindly invited to submit full-papers (4-6 pages) in the appointed scientific topics. The paper should report original research and results of theoretical or applied nature and should explain the significance of the contribution to the research field. The manuscripts must be written in English according to the guidelines provided on the IMEKO TC24 website:

<https://www.imekotc24-2022.com>

Accepted and presented full-papers will be submitted for inclusion in Scopus after the event.

Important dates

| | | |
|-----------------------------|----------------------------|--|
| 31 st March 2022 | 15 th June 2022 | 15 th July 2022 |
| Abstract submission | Full-paper submission | Notification to authors of final decision and required corrections |

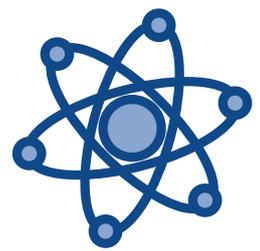
General enquiries: info@imekotc24-2022.com

SPECIAL ISSUES IN 'MEASUREMENT: SENSORS' (ELSEVIER) AND 'ACTA IMEKO'

After the Conference, selected authors will have the opportunity to submit an extended version of their papers to "Measurement: Sensors" (Elsevier) or to "Acta IMEKO". Elsevier will offer a 100% APC waiver for all papers accepted in the Special Issue in "Measurement: Sensors". All extended papers submitted to the two journals will undergo the peer-review process.



KEY Dates



In this day, we celebrate the medical and technological developments of laboratories, and their key role in scientific research, testing and measurement. EUROLAB will continue putting its efforts and commitment in representing the voice of laboratories in Europe and beyond.

Metrology, the science of measurement, has played and will keep playing a key role in scientific discovery and innovation, quality of life, industrial manufacturing and international trade. The theme for 2021 year was "Measurement for Health".



This day is global initiative established by IAF and ILAC to promote the value of accreditation. This year's theme focuses on the UN's Sustainable Development Agenda and promoting the many ways in which accreditation can help meet the goals of sustainability and quality.

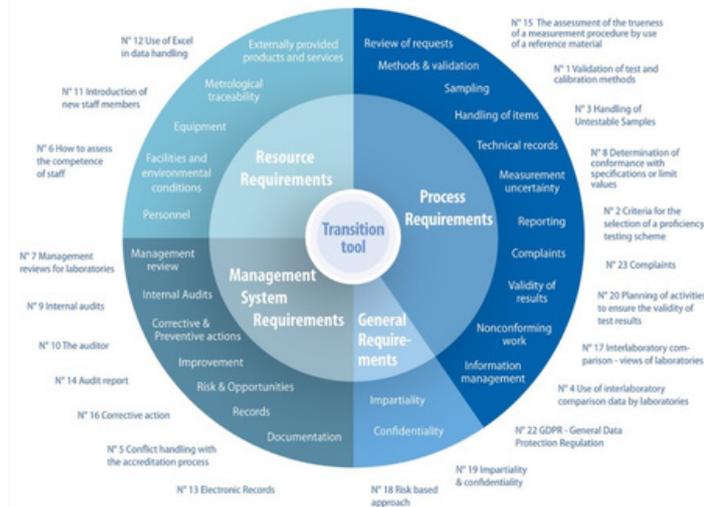
EUROLAB celebrated this day by thanking all of its members, laboratories and institutes active in metrology, measurement and conformity assessment that continuously strive to guarantee the respect of international standards to improve the safety and quality of products and services.



EUROLAB TCQA Activities

During 2021, TCQA published several CookBooks, which are available on the EUROLAB [website](#):

- Cookbook N. 3 on Handling of Untestable/Deviating Samples
- Cookbook N. 4 on Use of Interlaboratory Comparison Data by Laboratories
- Cookbook N. 5 on Conflict Handling within the Accreditation Process
- Cookbook N. 12 on Use of Excel Data Handling in Laboratories
- Cookbook N. 15 on Assessment of the Trueness Measurement of a Procedure by use of a Reference Material (RM)
- Cookbook N. 18 on Risk-Based Approach
- Cookbook N. 20 on Planning of Activities to Ensure the Validity of Test Results
- Cookbook N. 23 on Complaints



Working Group on Decision rules achievements:

- EUROLAB has published a [new leaflet](#) on decision rules. The document was created in response to the needs of better communication between laboratories and customers on the topic of decision rules. It aims to better explain the concept and the principles of the matters related to decision rules in a way that is easy to understand and immediately applicable.
- Revision of the EUROLAB Technical Report on Decision Rules.

TCQA undergoing documents and projects

- A webinar on Decision Rules
- Method validation in calibration
- A new Working Group on Measurement Uncertainty
- Translations of Cookbook 21-22-23



Remote Assessments Horizontal Task Force: EUROLAB has been cooperating within the TIC Council HTF on Remote Assessment. The HTF's work has been focused on creating a document to address the concerns relative to remote assessments and provide guidance to both conformity assessment bodies and laboratories. The draft document is currently in a revision stage.

Horizon 2021-2027 and the Lab of the future

EUROLAB has as a key priority the subject of “The Laboratory of the Future” which implies new technologies such as 3D printing, robotics, high-tech devices or cloud computing, a paperless lab. It will be focused on reducing emissions, physical waste, optimising storage, energy and human resources. All this will be done with the rapid advancement of technologies.

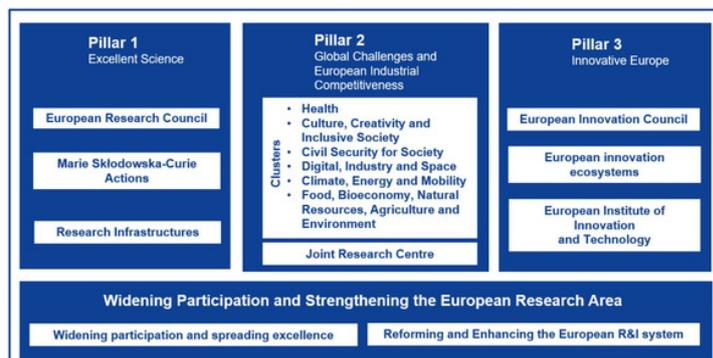


Also, the concept of “laboratory 4.0” revolutionizes the entire lab world, where Big Data, Cloud Computing, the Internet of Things, mobile Internet will play key roles in ensuring the upgrade of the laboratories. Therefore, the working environment of the laboratory will change in the coming years.

Horizon Europe research and development programme 2021-2027 would bring the opportunity to implement the Lab of the future changes. The programme has 3 main pillars out of which Pillar 2, Cluster 4 - The Digital, Industry and Space, has the most significance for EUROLAB. It would intervene in areas of interest such as manufacturing technologies, key digital technologies including quantum technologies, emerging enabling technologies, advanced materials, artificial intelligence and robotics, next generation internet, advanced computing and Big Data.



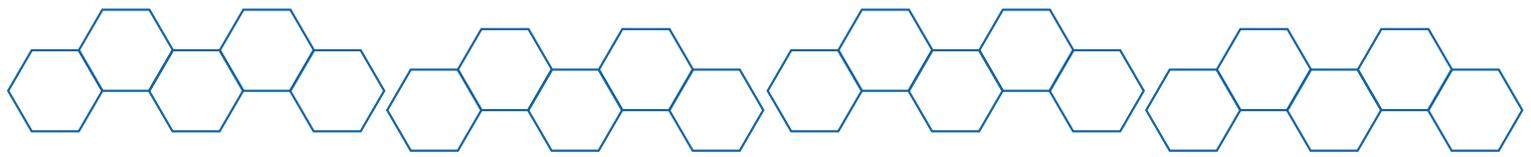
Horizon Europe has 3 main pillars:



Cluster 4 will develop core and pervasive technologies that will be applied and used in many sectors of the economy to address challenges faced by our society in areas such as health, transport, energy, food and agriculture, culture.

Given the relevance of this pillar, EUROLAB will further research opportunities for possible projects that could be developed under the Horizon Europe Programme in relation to the Lab of the future topic.

EUROLAB Members



Full members

-  AUSTROLAB (Austria)
-  BELAB (Belgium)
-  BULLAB (Bulgaria)
-  CROLAB (Croatia)
-  EUROLAB-CZ (Czechia)
-  EUROLAB
Danmark (Denmark)
-  Finntesting (Finland)
-  EUROLAB France (France)
-  EUROLAB
Deutschland (Germany)
-  Hellaslab (Greece)
-  ICELAB (Iceland)
-  ALPI (Italy)
-  FENELAB (Netherlands)
-  POLLAB (Poland)
-  RELACRE (Portugal)
-  EUROLAB Spain (Spain)
-  EUROLAB Sverige (Sweden)
-  EUROLAB CH (Switzerland)

Associate members

-  LEBLAB (Lebanon)
-  MAKLAB (FYROM)
-  TURKLAB (Turkey)

International affiliates

-  ASCOLAB (Congo)
-  NLA-SA (South Africa)
-  NCSL (USA)

Observer members

-  Croatian Metrology
Society HMD (Croatia)



EUROLAB Structure



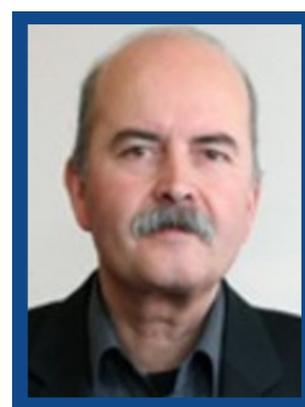
President

Paolo Moscatti, ALPI



Vice-President and Chair TCQA

Irache Visiers Sanz,
EUROLAB Spain



Vice-President

Alexander Šafařík-Pštroš,
EUROLAB-CZ



Treasurer

Jean-Luc Laurent,
EUROLAB France



Board Member

Pericles Agathonos,
HellasLab



Board Member

Ewa Bulska,
POLLAB



Board Member

Leif Madsen,
EUROLAB Denmark



Board Member

Michael Nitsche,
EUROLAB Germany



Board Member

Álvaro Silva Ribeiro,
RELACRE



Board Member

Luc Scholtis,
Fenelab



**REPRESENTATIVE OF
ASSOCIATED MEMBERS**

Ömer Güzel,
TURKLAB





Conclusions



The world of laboratories is fast changing and EUROLAB has as key priority to address issues of great relevance and complexity for the laboratory world. From artificial intelligence in conformity assessment, to cybersecurity, blockchain, big data, digitalisation and robotisation, "the sector is transforming rapidly and laboratories must keep up by innovating their processes accordingly and developing systems and services capable of supporting industries in this phase so rich in prospects and opportunities but of a complexity never seen before", Mr Paolo Moscatti, EUROLAB President.

2021 was another year under difficult circumstances, but despite the COVID pandemic and the restrictions, EUROLAB has continued to represent the interests of its members and keep close contact through regular online meetings, providing weekly updates on issues of relevance that the Secretariat is closely monitoring. EUROLAB is grateful to its Presidency and Board Members for all the valuable contributions and fruitful cooperation, while we look towards the future, with new ideas and new approaches.

As another challenging year has ended, EUROLAB would like to express all the gratitude for the kind support and cooperation to all its members and stakeholders while continuing a successful dialogue and contribution to working together in promoting and enhancing the role and importance of the laboratory community to the safety and quality of life.

On behalf of the entire EUROLAB community we wish you all the best, stay healthy and safe!

