

EUROLAB NEWSBRIEFING

July – September 2017



Foreword

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Dear EUROLAB members,

Please find below the third EUROLAB newsbriefing of 2017 with information regarding the actions carried out by EUROLAB and the developments relevant to the Laboratory Community.

Approaching the end of the year, once again it is necessary to reflect on what has been achieved within the framework of the objectives of this year and to give a perspective on the main goals of 2018.

In the current year, a number of actions have been carried out, of which the following should be highlighted: deepening the partnership with various entities, enabling better networking and the ability to promote the opinion of laboratories at European and international level; the review of the communication strategy, an essential pillar of EUROLAB's development, with the preparation and dissemination of documents for understanding its action, namely, the policy paper and the descriptive document of concepts and activities of the first, second and third party laboratories, a key topic to understand the EUROLAB mission.

The important role was played by the EUROLAB Technical Committees, which, supported by highly valued experts, have been able to share knowledge with the laboratory community, and the expectation of changes in 2018 following the review edition of ISO 17025 and its impact on accreditation was quite relevant.

The year of 2018 will certainly be a year of great activity, not only related to the accreditation framework, but also to other challenges such as: internal and external communication; promoting networking between members of National Associations and its link to the EUROLAB activity; the growth of membership; the ability to promote knowledge in the laboratory community; and the opportunity to create stronger links with our partners, and to take a more effective action in the international floor, defending the need of fair competition, harmonization and consistency of accreditation, among other aspects that, even today, create barriers to global trade and affect the sustainability of laboratories.

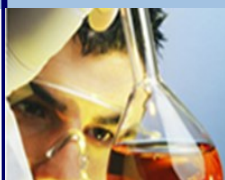
Allow me to finish this message with special greetings to all the Colleagues who voluntarily contribute to the construction of this European project, which is EUROLAB, essential to create strong and efficient links with other Stakeholders, together with a relevant role of our Secretariat that has been fundamental in organizing and supporting the EUROLAB initiatives and in linking the different activities that coexist in EUROLAB and give it its essence.

Looking forward to increase cooperation with you, aiming to achieve the highest purpose of promoting the laboratories contribution to the improvement of safety and quality of life.

Yours Sincerely,

EUROLAB President

Álvaro Silva Ribeiro



The Estonian presidency of the Council of the EU: 1 July - 31 December 2017

Since July 2017, Estonia will hold its first presidency of the Council of the European Union. Its presidency will herald a new Trio Presidency, composed of Estonia, Bulgaria and Austria.

As the EU is facing unprecedented challenges, both at the global and European level, Estonia as the Member State holding the Council presidency is confident that there is sufficient unity and determination in Europe to tackle all problems dynamically. The Estonian Presidency aims to be knowledgeable, efficient, open and transparent, giving a special focus to digital solutions, an innovative economy, security, and preserving a clean environment.



As laid out in the Estonian presidency programme, the four priorities for the presidency will revolve around:

- ⇒ **An Open and Innovative European Economy:** Promote a strong single market, free trade, fair competition and open to innovation in order to encourage businesses to develop innovative products and modern services;
- ⇒ **A Safe and Secure Europe:** Promote and uphold the objectives of the Security Union and those set out in the Global Strategy;
- ⇒ **Digital Europe and the Free Movement of Data:** Make progress on the Commission's Digital Single Market strategy measures and advance discussions on the future of eGovernment, cyber security and the free movement of data;
- ⇒ **Inclusive and Sustainable Europe:** Ensure a clean and caring environment for present and future generations which requires the sustainable and efficient management of natural resources and a social order that offers sustainable solutions.

For more information: [Estonian Presidency website](#), [Programme of the Estonian Presidency](#) and [Council of the EU website](#)

EUROLAB - EURAMET Meeting, 22 September 2017

EUROLAB and EURAMET had a joint meeting on Friday, 22 September, in order to discuss a further and closer cooperation the two organisations. Several topics were discussed:

- ⇒ Joint actions for promoting the image of the two organisations at the EU level. Both associations agreed that it is important to join forces in improving the visibility through joint events, publications and meetings with EU officials;
- ⇒ Ongoing and future EMPIR proposals and the involvement of EUROLAB and its members. It will be an opportunity for the EUROLAB members and the national laboratories to become involved and bring their added value and expertise in these research projects.
- ⇒ Development of joint guides to support calibration laboratories;
- ⇒ Dissemination of information, regular exchange of news and reciprocal distribution of materials that could be interesting for both sides.
- ⇒ Participation to events organised by the organisations, where the members could interact and exchange knowledge and expertise in the metrology sector.

Following the fruitful discussions, both EUROLAB and EURAMET will take further steps in achieving these strategic goals. EUROLAB members will be kept informed on the future developments and activities that will be developed in the upcoming months.



Duncan Jarvis, EURAMET Secretary General - Álvaro Silva Ribeiro, EUROLAB President
Drewin Nieuwenhuis, EUROLAB Secretary General - Laura Martin, EUROLAB International Affairs Manager



News ALPI

Statement of Commitment between ALA and ALPI - Bologna, 14.07.2017



On July 14, 2017, a **Statement of Commitment** was signed in Bologna by **ALA** President - Dr. Battista Nicoli and **ALPI** President - Ing. Roberto Cusolito.

The agreement establishes a collaboration between ALPI (Association of Testing Laboratories and Certification and Inspection Bodies) and ALA (Association Accredited Laboratories) to strengthen the **representation of laboratories** in institutional contexts, through the establishment of a **network of skills**. The main purpose is to reduce the fragmentation of the Labs sector in order to defend their business interests and their economic and cultural growth.

In this way, the two bigger Italian Labs Associations aim to identify the common objectives and to create a **growing synergy and cooperation** defending the interests of their associates. In particular, in order to maximize the results of this collaboration, the agreement provides for participation or activation of working groups, workshops and seminars on topic of specific interest for Italian laboratories, carried out by both associations.

This agreement is the **first step** to increase the objective representation of laboratories and enhance the relationship with the Institutions and the Italian Accreditation System.



On the left ALA President - Dr. Battista Nicoli
On the right ALPI President - Ing. Roberto Cusolito

News Fenelab



On September 14th the latest edition of the Fenelab Dutch Newsletter was published.
News from Fenelab:

- Bob Van Doorselaere introduces himself as the recently appointed head of the Fenelab Accreditation Committee,
- Fenelab welcomes new members,
- The – over all positive – results of the satisfaction survey have been presented
- A new information flyer has been published about developments in the areas of work and education in the sector.

Supplemented with current news items about:

- The 'new' kilo in 2019,
- The ongoing efforts to protect and monitor tap water quality,
- Lessons to be learned from the Fipronil-crisis for laboratories.

And of course, announcements of interesting upcoming events and newsletters of relevant organisations for accredited laboratories.

For further information regarding all these topics and upcoming events, please access the [Newsletter September 2017](#)

News MAKLAB



The Macedonian Association of laboratories and inspection bodies MAKLAB has organized the

Third International Conference "QUALITY AND COMPETENCE 2017"

The Conference was held in Ohrid, Republic of Macedonia from 14th -16th of September and was attended by 100 participants from Republic of Macedonia, Serbia, Croatia, Albania, Bosnia and Hercegovina, Bulgaria and Turkey.



The following topic were discussed:

- The role of accreditation for following the European directions for quality assurance and their compliance with Macedonian Law;
- Practical experiences of quality system implementation in laboratories, inspection bodies and certification bodies;
- Testing, quality control and environmental monitoring and monitoring of working environment;
- Quality testing and food safety;
- Implementing quality systems in civil engineering.

Conference participants were addressed by BSc. Magdalena Trajkovska Trpevska - president of MAKLAB, DSc. Trpe Ristoski - director of the Macedonian Institute for Accreditation, Mr. Álvaro Silva Ribeiro - president of EUROLAB and Mr. Davor Zvizdic - president of CROLAB. The conference was declared opened by the Deputy Ministry for environment and physical planning of Macedonia, Mr. Jani

The Third International conference QUALITY AND COMPETENCE 2017 provided 30 paper presentations, 17 oral presentations and 13 posters. Both oral presentations and posters were presented by the authors in an inspirational way, sharing motivation experiences and reviews as a solid foundation for establishing future cooperation between laboratories, inspection bodies and certification bodies on local and international level.



This conference was a great opportunity to promote quality assurance and quality control as an essential factor for competence and competitiveness.



Furthermore, this conference is a joint contribution of the quality infrastructure to promotion of the quality, competence and competitiveness. The participants at the conference have once again confirmed the important role of the laboratories, inspection bodies and certification bodies on the European and world market of services and products. From QUALITY AND COMPETENCE 2017 emerged many new ideas and opportunities for further cooperation.

www.maklab.org.mk

News POLLAB



POLLAB
Klub Polskich
Laboratoriów
Badawczych

XXIII Symposium – the main event of POLLAB



The XXIII Symposium for testing and calibration laboratories was organized by POLLAB and took place from 11th to 13th September 2017 in Wisła (Poland). This event had the participation of 240 persons from laboratories, public service and academia. The group of keynote speakers represented different areas related to the laboratory service in Poland. The presence of the representative from Polish Centre for Accreditation (PCA) as well as Polish National Metrology Institute (GUM – Główny Urząd Miar) was highly appreciated.

The main topic of all presentations and discussions was focused on the new standard ISO/IEC 17025 and its impact on laboratories operation in Poland. Although the standard was not at the moment published yet the presentation of existing draft by Katarzyna Szymańska from Polish Centre for Accreditation was very well accepted by all participants. In between other issues, the one related to the process approach and risk assessment was highlighted by others speakers.

This event is considered as the major national meeting of all regular members and stakeholders of POLLAB, aiming to be a forum for discussion, exchange experience and strengthen the collaboration between laboratories. Worth to mention, that due to the big interest and large number of members, yearly symposium of POLLAB is organised twice per year. The first event in 2017 took place from 15th to 17th May in Kołobrzeg and gathered more than 200 participants as well.

Metrology Council in Poland

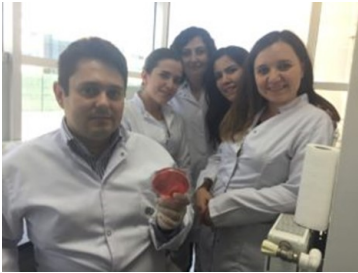
According to the recent legislation on Law of Metric (2017), Minister of Development appoints on 2 August 2017, the Metrology Council (Rada Metrologii) aiming to support the activity of National Metrology Institute of Poland (GUM – Główny Urząd Miar). Two members of POLLAB were nominated to this Council, Andrzej Brzyski and Ewa Bulska. Moreover, during the first sitting, which took place on 8 September 2017, Ewa Bulska was elected as a first Chairperson of Metrology Council for five years term.



News TURKLAB



Training "Method Verification in Microbiological Analyzes, Measurement Uncertainty and Applied Quality Control Studies"



The training "Method Verification in Microbiological Analyzes, Measurement Uncertainty and Applied Quality Control Studies" was given at GDA Laboratory Services on May 13-14 by TURKLAB Academy.

It was observed that the participants actively participated in the training by conducting theoretical and practical work during the training. Activities such as the adjustment of the amount of microorganisms, contamination etc. were carried out and on the second day the results were examined and evaluated.



In addition, quality control studies, proficiency tests and important points regarding 17025 audit have been addressed.

TURKLAB Academy will continue to carry out training activities in field of microbiological analysis for both private food, environment-water laboratories and industrial firms with laboratories.

TURKLAB Academy ISO/IEC 17025 Training, 11-12 July 2017

TURKLAB Academy held a training called "General Conditions for the Proficiency of ISO / IEC 17025 Experiment and Calibration Laboratories" on 11-12 July 2017 in the meeting room of Acibadem Labmed Laboratories, which is one of TURKLAB members. TURKLAB representatives expressed their gratitude towards all participants that attended the training.



JULY 21-22 2017 ISO/IEC 17020 Training

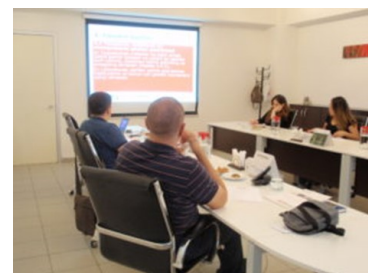


The training "ISO/IEC 17020 Compliance Assessment - Conditions for the Operation of Various Types of Inspection Institutions" was held for the employees of Turk Loydu which is a member of TURKLAB. The event was organized by TURKLAB Academy on 21-22 July 2017.



TURKLAB Academy ISO/IEC 17025 Training 06-07 September 2017

TURKLAB Academy held a training called "General Conditions for the Proficiency of ISO / IEC 17025 Experiment and Calibration Laboratories" on 06-07 September 2017 in the meeting room of Çevre Analiz Laboratuvarları, which is one of TURKLAB members. TURKLAB representatives expressed their gratitude towards all participants that attended the training.



News TURKLAB



TURKLAB Academy TS ISO/IEC 17020 Training, 12-13 September 2017

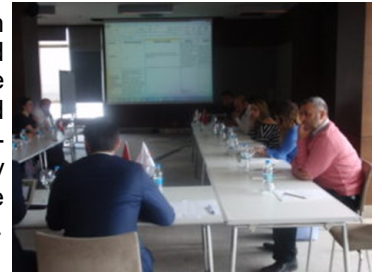


TURKLAB Academy successfully held a training called "ISO/IEC 17020 Compliance Assessment - Conditions for the Operation of Various Types of Inspection Institutions" on 12-13 September 2017 in the meeting room of GDA Analiz Laboratuvarı, which is one of TURKLAB members. Turklab representatives expressed their gratitude towards all participants that attended the training



TURKLAB Environment Sector Committee Meeting, 24 April 2017

"TURKLAB Environment Sector Committee" meeting was held on April 24, 2017. Following topics were discussed at the meeting: The 1st National Permission, Audit, Laboratory and Environmental Officer Workshop to be held in May, the revision of Environmental Measurement and Analysis Laboratories Qualification Regulation and the visit to ISGUM (Directorate of Occupational Health And Safety Research And Development Institute). The participating laboratories communicated their problems, duly noted and discussed. Issues to be communicated to the authorities were noted by the Chairman of the Committee.



5 July 2017, Board of Directors Meeting

The Board of Directors Meeting was held on 05 July 2017. During the meeting the attendants were informed about the committee activities as well as the fairs and events that TURKLAB will attend.



Directorate of TÜRKAK Laboratory Accreditation, Auditor Experience Sharing Meeting and Refresher Training

TURKLAB President Neşe GÜNEŞ held a presentation on "Auditor Harmonization Project" at the "Directorate of TÜRKAK Laboratory Accreditation, Auditor Experience Sharing Meeting", held between 13-15 September 2017, in Istanbul and between 20-22 September 2017 in Ankara. The work plan of the Auditor Harmonization Project and the activities carried out were explained. Information about the impact of effective audits on economic growth, social welfare and protection of the environment, and therefore on conformity assessment has been given. In addition, it was explained the impact of ISO / IEC 17025 revision and administrative methodologies (process management, risk-based approach, etc.) on effective audit with added value.



Accreditation

- The ILAC Executive Committee has appointed Dana Leaman, NVLAP – USA, to the role of Acting ILAC ARC Chair for the period up to and including the October 2017 Vancouver meetings.
- The ILAC Executive Committee has submitted the document titled: **"ILAC Articles of Association Draft 24 May 2017"** to all ILAC members for a 60-day comment period.
- **Application of Lawrence Berkeley National Laboratory (LBNL) for Admittance to Membership of IAF as an Association Member** - 77 Accreditation Bodies and 17 Association Members had voted, which means a quorum existed and the result of the ballot is valid. 86 Members voted in favour of the application's acceptance, 1 voted against, and 7 abstained. Accordingly, the ballot has been **passed** and LBNL will be admitted to Association Membership of IAF.
- **A proposal recommending that Foundation FSSC 22000 (FSSC 22000) be admitted to Membership of IAF as an Association Member was submitted to**

Members for voting. 89 Members voted in favour of the application's acceptance, 0 voted against, and 2 abstained. Accordingly, the ballot has been **passed** and FSSC 22000 will be admitted to Association Membership of IAF as soon as possible.

- The ballot on **EA-1/17 A: 2017 - EA Rules of Procedure** has been successfully completed, **adopted** and published on the EA website.
- Rev.10 of the IAF Representatives, Liaisons, and contacts list is now available on the IAF website. Please click here to view it.
- An updated version of the Roadmap for implementation of the IAF Strategic Plan (2015-2019) has also been published. Please click here to view it.
- A kind reminder from EA to register for the upcoming EA General Assembly by **Friday 13 October 2017**.
- Please click [here](#) to view an educational video on the **MRV regulation** from the European Maritime Safety Agency about the tasks of an accredited verifier. More information and videos [here](#).

Standardisation

- Project sponsorships are available for developing country experts of P-members of ISO/CASCO to participate in the **ISO/CASCO WG 46 - Conformity assessment – General requirements for bodies performing validation and verification activities**.
- A new clarification request on **ISO/IEC 17024** has been addressed by the maintenance group of WG30.
- A new clarification request on **ISO/IEC 17021-1** has been addressed by the maintenance group of WG21.
- The following FDIS Ballots have opened:
 - ⇒ ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories
 - ⇒ ISO/IEC 17011 Requirements for accreditation bodies accrediting conformity assessment bodies
- A 12 week ballot has opened for:
 - ⇒ **ISO/TS 17033, Ethical claims - Labels and supporting information – Requirements**
 - ⇒ **ISO/IEC NP TR 17032 - Conformity assessment -- Guidelines and examples of a certification scheme for processes**
- The Systematic Reviews (SRs) of the following ISO/CASCO documents have opened:
 - ⇒ **ISO/IEC 17024:2012 (Ed 2) Conformity assessment -- General requirements for bodies operating certification;**
 - ⇒ **ISO/IEC 17065:2012 Conformity assessment -- Requirements for bodies certifying products, processes and services;**
 - ⇒ **ISO/IEC TS 17021-5:2014 Conformity assessment -- Requirements for bodies providing audit and certification of management systems -- Part 5: Competence requirements for auditing and certification of asset management systems ;**
 - ⇒ **ISO/IEC TS 17021-6:2014 Conformity assessment -- Requirements for bodies providing audit and certification of management systems -- Part 6: Competence requirements for auditing and certification of business continuity management systems;**
 - ⇒ **ISO/IEC TS 17021-7:2014 Conformity assessment -- Requirements for bodies providing audit and certification of management systems -- Part 7: Competence requirements for auditing and certification of road traffic safety management systems.**
- The Committee Internal Ballot (CIB) on the appeal from

ANSI on ISO/IEC 17011 was closed on the 14th of July. The appeal with the proposed change was **approved** by 61% of ISO/CASCO P-Members (40 P-members in favour and 26 against).

- The New Proposal launched by ISO/TC 267 "Facility management" to develop **ISO/IEC TS 17021, Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 11: Competence requirements for auditing and certification of facility management systems** has been **approved**.
- The date of the 1st CASCO/JWG50 meeting, that will develop **ISO/IEC TS 17021- 8, Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 8: Competence requirements for auditing and certification of management systems for sustainable development in communities** has been scheduled for the 23-25 January 2018. The meeting will last 3 days and will take place at the ISO Central Secretariat in Geneva, Switzerland.
- The New Proposal (NP) to develop **ISO/IEC TR 17032, Conformity Assessment - Guidelines and examples of a certification scheme for processes**, has been approved by 96% of IEC members and 96% of ISO/CASCO members.
- The New Proposal (NP) launched by ISO/TC 268 to develop **ISO/IEC TS 17021, Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 8: Competence requirements for auditing and certification of management systems for sustainable development in communities** has been approved.
- The systematic reviews ballots of the following documents closed on 2017-09-06 and both of them have been confirmed:
 - ⇒ **ISO/IEC TS 17027:2014, Conformity assessment -- Vocabulary related to competence of persons used for certification of persons;**
 - ⇒ **ISO/IEC 17020 Conformity assessment -- Requirements for the operation of various types of bodies performing inspection.**
- **EN ISO 17034 General requirements for the competence of reference material producers (ISO 17034:2016)** is now published in the Official Journal of the European Union.

Business news

- **AmSpec has announced the commencement of inspection and testing services in Freeport, Texas and neighbouring areas thereby expanding their domestic service network in the U.S. Gulf Coast.** <https://tinyurl.com/y9ub6sm5>
- **Cotecna has announced the signing of a new technical assistance contract with the government of Niger. Cotecna has been operating in Niger since 1995.** <https://tinyurl.com/yb64opdc>
- **Core Laboratories N.V. reported on the impact to Core Lab of Hurricane Harvey which caused significant damage to parts of the U.S. Gulf Coast as a result of its high winds and unprecedented flooding.** <http://tinyurl.com/ybmv4p5d>
- **CSA Group has announced new services in the area of cybersecurity testing, combining well-established expertise in functional safety evaluation with a long history working with emerging technologies.** CSA Group is working closely with businesses of all sizes to develop tailored solutions that can help identify potential issues early in the product design phase and implement security measures to mitigate potential cyber risk. As part of the overall product functional safety evaluation, cybersecurity analysis and testing should be performed by qualified third-party testing organizations. <https://tinyurl.com/ya2c8efz>
- **CSA Group has announced that they have joined the Industrial Internet Consortium® (IIC), the organization transforming business and society by accelerating the adoption of the Industrial Internet of Things (IIoT).** <https://tinyurl.com/yaefw38>
- **CSA Group has announced the development of a C450 – currently available as an Express Document (EXP450) – that helps to address the lack of uniform testing requirements in the Photovoltaic (PV) module manufacturing industry.** <https://tinyurl.com/ybcbsthv>
- **DEKRA announced that it has expanded its test facilities for LoRa to include the ISM band KR920 used in Korea.** Dekra's LoRa Alliance-approved labs can test devices also in the European 868 MHz band and American 915 MHz. band. <http://tinyurl.com/yampcp2f>
- **DNV GL and the United Nations Industrial Development Organization (UNIDO) have launched a new tool to help the textile industry manage water consumption in a more sustainable manner.** DNV GL and UNIDO have jointly developed a self-assessment tool to assist textile companies in evaluating the water footprint in manufacturing processes. This will help them make more informed decisions about how to manage water consumption in their supply chains. <https://tinyurl.com/yd8g7wnc>
- **DNV GL has opened the first control hardware in loop (CHIL) test facility for renewable energy generation plants.** The facility connects physical power plant controllers to a real-time simulator, allowing the controller to be fully tested and validated without the need for an actual generation facility or power grid. This enables cost-effective, low-risk testing under realistic conditions for all forms of renewable energy control systems. <https://tinyurl.com/y9dsm4fk>
- **FORCE Technology is opening for business within the area of Metrology & Air Environment in Norway.** The Norwegian department will be led by Thor Valsø-Jørgensen, a former Sales Manager for FORCE Technology Norway. As this area coincides with other areas within FORCE Technology Norway, such as inspection and testing, this experience will come to good use. <https://tinyurl.com/y6va7t2q>
- **Intertek has announced the expansion of its exploration and production laboratory in Jakarta.** Following the expansion, the laboratory will be able to test corrosion

inhibitor performance under atmospheric pressures and ambient temperatures for the oil and gas industry. <https://tinyurl.com/y9ty4qdt>

Intertek has approved the ABB laboratory in Ratingen, Germany as the first Intertek SATELLITE™ Data Acceptance Program laboratory for ETL and ASTA. <http://tinyurl.com/yc2e55zn>

Intertek announces the expansion of its building and construction operations in Canada with the rollout of geotechnical and construction materials testing services. These new offerings follow Intertek's 2015 acquisition of PSI—an engineering consulting and testing firm focused on the construction sector—that brought a robust testing and assurance service portfolio across the project and building lifecycle to a broader customer base in the U.S. The services will now reach the Canadian market via Intertek's facility in Coquitlam, British Columbia. <http://tinyurl.com/yab59zfb>

SGS has announced the opening of its new food testing facility in Moscow, Russia. This new 600 sq. meter laboratory allows the company to expand its scope of capabilities and to handle 42,000 samples a year, carry out 126,000 tests a month and complete 25,000 test reports per annum. <https://tinyurl.com/y7cm536o>

SGS has expanded its testing facilities in Nautcalpan, Mexico State, Mexico, creating a major testing hub for textiles and apparel in Central and South America. <http://tinyurl.com/y7evgqdv>

SGS in Malaysia has established two new services to assist the agricultural industry – a bioassay testing service for insects and, together with logistic partners, a shipping service for sending insect samples to laboratories in the USA. <http://tinyurl.com/y7yov2fv>

Carrefour and SGS launched the Visual Trust initiative during the National Food Safety Week in Beijing on July 1, 2017, in the presence of Chinese authorities, business associations, large retailers and the media. Visual Trust is an end-to-end digital solution that allows Chinese shoppers to check the quality and origins of their purchases by scanning food with their smartphones. When shoppers scan products, they gain immediate access to quality certificates, test results, locations and pictures of farms, as well as nutritional advice. <http://tinyurl.com/yaaeuof8>

SGS announced that it has entered into a partnership with Nature's Fingerprint, a Connecticut-based division of Molecular Isotope Technologies LLC, specializing in product and process authentication via natural tracers, to mitigate identity theft of bio/pharmaceutical products and the patented synthetic pathways by which they are produced. <http://tinyurl.com/yct32jew>

TUV India (TÜV Nord Group) has inaugurated its new product testing laboratory in Pune. This is second lab in the city. The new lab is equipped with technologically advanced and high-end equipment for EMI/EMC tests, CE Compliance, Developmental (design phase) and Pre Compliance, Electrical Safety Tests, Environmental Tests, Electronics & IT Products Tests and testing as per IEC and other national/ international standards. <https://tinyurl.com/y85y4jse>

TÜV SÜD expands electromobility laboratory services. The influence of electromobility is spreading throughout the world. In response to this development, TÜV SÜD is expanding its laboratory capacities in the sector in Germany, the USA and Asia. <https://tinyurl.com/y7qa3t5v>

Business news

- TÜV SÜD has signed a Memorandum of Understanding (MoU) with Taiwan's Metals Industry Research & Development Center (MIRDC), CR Classification Society, Electronics Testing Center, Taiwan Electronic Research and Testing Center and Taiwan Institute of Economic Research. <http://tinyurl.com/ydylpbnh>
- UL has announced a joint venture with Saudi-based GCC Lab aimed at strengthening the Middle East's Renewable Energy Infrastructure. UL's regional base operates out of offices in Dubai and its new, state-of-the-art lab facility in Abu Dhabi. The joint venture will operate as a UL and GCC Lab Company and will be based in Dammam, Saudi Arabia, to cater to customers in parts of the Middle East, including Egypt. <http://tinyurl.com/y8qw6xsb>
- **First proficiency test on the siloxane content in biomethane.** Siloxanes are silicon-containing volatile organic compounds which occur in biomethane and upgraded biogas. They are formed during the fermentation of organic matter, both in fermenters as well as in landfills. The maximum permissible levels in biomethane are regulated in EN 16723. A first proficiency test (PT) for siloxane content has been organised, alongside the development of measurement standards and methods in the EMRP project "Metrology for Biogas", aiming at assessing the performance of laboratories determining the contents of siloxanes in biomethane and upgraded biogas. <https://tinyurl.com/y77e8pwz>
- **Accurate measurements with an atomic force microscope (AFM) can only be obtained when the AFM itself is even more accurate and therefore state-of-the-art calibration of the 3D measurement space is required.** In practice, this is performed by a separate calibration of the lateral (X and Y) axes and the height (Z) axis. A novel calibration approach is described based on highly linear piezos that eliminates the drawbacks of conventional techniques. The approach is explained in the following [paper](#): Smart Calibration Solution for Inline Atomic Force Microscopy. Virtual Standards, Real Advantages.
- **EMPIR Project: Metrological support for liquefied natural gas (LNG) and liquefied biogas (LBG) as a transport fuel. New test capabilities for liquefied natural gas and biogas will enable roll-out of alternative transport fuels.** This project will use results from EMRP projects ENG03 LNG and ENG60 LNG2 to establish the necessary test facilities and validation methods that will enable this large-scale roll-out, taking an essential step towards the development of measurement traceability for custody transfer. The project will combine expertise from industry, instrument manufacturers and research institutes. These results will be implemented in various relevant written standards to enable and promote the use of LNG and LBG as cleaner transport fuels. <https://tinyurl.com/yb5s5st5>

Business Results 2016

- **SGS 2017 Half Year Results** <https://tinyurl.com/yalwigpk>
Revenue €2.6bn (CHF 3.0bn)
Adjusted operating income €374m (CHF 428m)
Profit for the period €256m (CHF 293m)
Free cash flow €183m (CHF 210m)
- **Bureau Veritas 2017 Half Year Results** <https://tinyurl.com/y7fflsg9>
Revenue of €2.36bn
Adjusted operating profit of €359.4m
Adjusted net profit of €187.6m
Operating cash flow of €149.9m
- **Intertek 2017 Half Year Results** <http://www.intertek.com/press/>
Revenue €1.5bn (£1.4bn)
Operating profit €221.7m (£204.4m)
Operating margin 14.9%
Profit before tax €206.9m (£190.8m)

Policy news

Chemicals

- **As petrochemical plants in southeast Texas and other areas affected by hurricane Harvey move to restart operations, there are concerns about chemical fallout from its successor, hurricane Irma, which battered much of Florida with winds of up 130 miles per hour.** The EPA has launched an investigation into whether the plant complied with federal safety regulations, and applied the risk management plan the company filed with the federal government. The US Chemical Safety and Hazard Investigation Board (CSB) has also initiated an investigation into the incident. <https://tinyurl.com/y995bnmw>
- **Regular use of bleach and other common disinfectants has been linked to a higher risk of developing fatal lung disease, researchers have found.** The use of disinfectants is linked to a higher risk of developing chronic obstructive pulmonary disease (COPD), according to research looking at incidence of the disease in more than 55,000 nurses in the US. <https://tinyurl.com/y7gmfelg>
- **EU ministers adopted on Monday 4 September the European Commission's draft criteria for endocrine disruptors in plant protection products, laying the foundation for a comprehensive strategy to limit citizens' exposure to harmful substances.** The EU voted to ban endocrine disruptors in 2009. But so far the ban has not come into effect due to a lack of criteria defining the chemicals that it should cover. <https://tinyurl.com/ybd7k9g3>
- **The European Commission has notified the WTO of proposed amendments to its Regulation on plastic materials and articles intended to come into contact with food.** The changes reflect further scientific opinions from the European Food Safety Authority (Efsa) on particular food contact materials (FCM) substances, as well as on the permitted use of already authorised substances. The proposals intend to amend Annex I of the Regulation to authorise four new FCMs and extend the uses of others. <https://tinyurl.com/y7xj6bv5>

Consumer Protection

- **The Commission has issued guidelines to help national market surveillance authorities better control products sold online.** In 2017, 55% of Europeans buy online (2017 Consumer Scoreboard) and get products shipped directly to their door, escaping the authorities' traditional controls. Some of these products might be dangerous and not in line with EU product safety laws, for instance toys containing substances banned in the EU. <http://tinyurl.com/ycgks4ye>
- **The European Parliament and Council reached a political agreement on the Commission's proposal to improve the EU-wide cooperation mechanism for consumer protection.** These new rules will introduce a quick and more efficient cross-border cooperation mechanism between the national enforcers. They will have faster tools to react in a joint action when illegal practices are reported by consumers in at least two thirds of the EU countries. <http://tinyurl.com/ycpg895a>
- **More than half of children's scooters among 15 brands in the city do not meet toy safety standards, while all but one contain substances linked to cancer, a test by the Hong Kong Consumer Council has found.** Consumer Council calls on industry to minimise harmful content in toys and abide by safety standards. <https://tinyurl.com/y9jkqy7t>

Energy & Environment

- **The European Commission will review permits of Large Combustion Plants.** The Commission has taken action to tackle pollution from Large Combustion Plants, such as power stations and district heating plants, which are responsible for about one third of all air conventional pollutants from industry. More than 30% of EU citizens are exposed to air pollutant levels above EU standards, and air pollution remains the biggest environmental cause of premature deaths in the EU, leading to more than 400 000 such deaths each year. <http://tinyurl.com/ydzctjwk>
- **The European Commission has published new energy efficient labelling regulations to empower consumers.** The new EU Regulation setting a framework for energy labelling, simplifying and updating the energy efficiency labelling requirements for products sold in the EU, has been published in the EU's Official Journal. In the future, all products will be labelled on a new, updated and clearer scale from A (most efficient) to G (least efficient). <https://tinyurl.com/y93rpjsx>
- **The European Commission has published reports for the first quarter of 2017 on European electricity and gas markets.** They provide information about the most recent developments of the European internal energy market at national, regional and EU level, and are aimed at energy analysts, professionals and researchers, academics, and members of local and national governments. <http://tinyurl.com/ya86cyl>
- **The European Commission has published updated energy statistical datasheets for all EU countries.** These datasheets cover the period 1990-2015 and make it possible to track how each country's energy usage and greenhouse gas emissions patterns have changed over time. <http://tinyurl.com/yc835aoh>
- **The European Commission has proposed a Regulation of the European Parliament and of the Council on the inclusion of greenhouse gas emissions and removals from land use, land use change and forestry into the 2030 climate and energy framework and amending Regulation No 525/2013 of the European Parliament and the Council on a mechanism for monitoring and reporting greenhouse gas emissions and other information relevant**

to climate change. <https://tinyurl.com/ybt5qh7g>

- **European Commissioner for Climate Action and Energy Miguel Arias Cañete and Japanese Minister of Economy, Trade and Industry Hiroshige Seko signed a Memorandum of Cooperation between the EU and Japan on promoting and establishing a liquid, flexible and transparent global Liquefied Natural Gas (LNG) market.** Under the Memorandum, the EU and Japan will exchange experience and undertake joint activities to spread best practices to improve the functioning of the global LNG market. <http://tinyurl.com/ybsaruzj>
- **The European Consumer Consultative Group (ECCG) adopted an Opinion that reflects their general assessment of the 'Clean Energy for All Europeans' package.** The ECCG took into account current problems faced by energy consumers in different EU countries, having assessed the overall impact that the new provisions could have on energy consumers. <http://tinyurl.com/y76hdbts>
- **On 17 July, the European Council adopted a decision accepting on behalf of the European Union an amendment to the 1999 Gothenburg Protocol to reduce emissions of air pollutants and decrease levels of acidification, eutrophication and ground-level ozone globally.** The EU is now ready to formally accept the amendment. <https://tinyurl.com/yca86wut>
- **The initial RoHS Directive, restricting the use of certain hazardous substances in electrical and electronic equipment (Directive 2002/95/EC or RoHS 1) was replaced in 2011 by the current Directive (Directive 2011/65/EU, or RoHS 2).** On 26 January 2017, the Commission adopted a proposal amending the scope of RoHS 2. <https://tinyurl.com/ybeuf93t>
- **Karmenu Vella, Commissioner for the Environment, Marine Affairs and Fisheries, and Chen Lei, Chinese Minister of Water Resources, signed a Memorandum of Understanding to establish a Water Policy Dialogue between the EU and China.** This is a sign of political commitment to the co-operation on water policy, and will help implement the joint priorities between the EU and China in the water sector. <http://tinyurl.com/y9xefdry>
- **The European Commission has taken action to tackle pollution from Large Combustion Plants such as power stations and district heating plants, which are responsible for about one third of all air conventional pollutants from industry.** More than 30% of EU citizens are exposed to air pollutant levels above EU standards, and air pollution remains the biggest environmental cause of premature deaths in the EU, leading to more than 400 000 such deaths each year. <http://tinyurl.com/ydzctjwk>
- **The European Commission launched the pilot phase of 'Level(s)', a new EU framework for sustainable buildings, which will help transform the building sector.** It is the first tool of this kind that has been developed for use across the whole of Europe. <http://tinyurl.com/y84xs2kh>
- **The vacuum cleaners sold in Europe will be more cost- and energy-efficient.** The European Commission is making use of the latest state-of-the-art technologies to ensure that European consumers have the most energy efficient products available. The updated ecodesign requirements will lower appliances' maximum power, annual energy consumption and noise levels. They will also increase their minimum ability to pick up dust. <http://tinyurl.com/yaan7zcv>
- **In a guidance note, Eurostat has clarified the accounting rules applied to the treatment of energy performance contracts (EPCs).** EPCs are agreements that guarantee a minimum performance by energy efficiency improvement measures. <http://tinyurl.com/yd8ecys3>
- **The fourth CESEC High Level Group Ministerial meeting took place in Bucharest on 28 September 2017.** Commission Vice-President responsible for the Energy Union Maroš Šefčovič and Commissioner for Climate Action and Energy Miguel Arias Cañete met Ministers from 9 EU countries and 8 Energy Community Contracting Parties and agreed to reinforce their regional cooperation. <http://tinyurl.com/yaogqk5a>
- **An EU country facing an urgent gas shortage can trigger cross-border assistance from its neighbours, under new cooperation rules approved by Parliament.** Sufficient gas supply for households, district heating and essential social services such as hospitals take priority. A member state can activate the solidarity mechanism and call on other member states to help tackle a severe crisis. <https://tinyurl.com/y8h2z2ma>

Food

- **By 2018, Europe will likely be enforcing mandatory limits on acrylamide in food.** EFSA successfully petitioned the European Commission to impose mandatory measures on food business operators to reduce acrylamide levels in their products. The proposal still must get through the Council and European Parliament. The Council represents the ministers of Member States and the Parliament represents the European people. <https://tinyurl.com/ya3pk3ke>
- **The crisis over eggs contaminated with a harmful chemical, has spread across some seven European countries.** Belgium, Germany, France, Switzerland, Sweden, and the United Kingdom have all previously imported affected eggs, and millions of these eggs have had to be recalled and withdrawn from sale. Tests had found that fipronil, a toxic anti-lice agent, banned from use in the production of products for human consumption, had found its way into the food chain. European Commission spokeswoman Anna-Kaisa Iltkonen said that the Netherlands, Belgium and Germany warned other countries through the European Union's food-safety alert system that they may have exported con-

taminated eggs to them. A Belgian company is currently being investigated over the substance. The Belgium government is especially worried as the current crisis has echoes of the dioxin scare in 1999 which eventually brought down the government. <https://tinyurl.com/y77kwkx9>; <https://tinyurl.com/ya72hsjc>

EFSA has established a safe intake level for glutamic acid and glutamates used as food additives after re-evaluating their safety. The Authority also concluded that estimated dietary exposure to glutamic acid and glutamates may exceed not only the safe level but also doses associated with adverse effects in humans for some population groups. On this basis, EFSA's experts recommend reviewing the maximum permitted levels for these food additives. <https://tinyurl.com/ya9zgagg>

Euractiv reports that the European Commission will not block member states' attempts to sue China over its use of counterfeit trademarks and has insisted a future bilateral deal with the Asian superpower will bring "significant benefits" for

- Europe's quality food producers. <http://tinyurl.com/y7ddwl9g>
- The European Food Safety Authority (EFSA), the European Medicines Agency and the European Centre for Disease Prevention and Control are concerned about the impact of use of antibiotics on the increase in antibiotic-resistant bacteria. A new report from the three agencies presents new data on antibiotic consumption and antibiotic resistance and reflects improved surveillance across Europe. <https://tinyurl.com/ydhfkh85>
- The European Commission was informed on 20 July 2017 through the EU Rapid Alert System for Food and Feed (RASFF) that a service treatment company used illegal treatments against red mite (*Dermanyssus gallinae*) on poultry farms, mainly laying hen farms. Actions were immediately taken to control the situation, and investigations on the ground continue. <https://tinyurl.com/yct7fc8s>
- The Food Standards Agency (FSA) Chairman, Heather Hancock, has published the department's plans to change food regulation in England, Wales and Northern Ireland. The document called, 'Regulating Our Future – Why food regulation needs to change and how we are going to do it', sets out proposals to transform the way food businesses are regulated in England, Wales and Northern Ireland. <https://tinyurl.com/yclxt4x>
- Operation OPSON VI, the joint Europol-INTERPOL operation targeting counterfeit and substandard food and drink, as well as the organised crime networks behind this illicit trade, has resulted in the seizure of 9 800 tonnes, over 26.4 million litres, and 13 million units/items worth an estimated EUR 230 million of potentially harmful food and beverages ranging from every day products such as alcohol, mineral water, seasoning cubes, seafood and olive oil, to luxury goods such as caviar.

Medical Devices

- MedTech Europe calls for further action following AMR discussion at G20. The G20 Heads of State and Government discuss Antimicrobial Resistance (AMR) as one of their key agenda points. AMR is a global public health issue, in need of a global response. MedTech Europe, therefore, welcomes the attention at G20 level, on this particular issue. As part of a coalition, MedTech Europe recently signed an open letter to the G20 on Global Health Innovation and Sustainable Development. <https://tinyurl.com/y9473tah>
- MedTech Europe, the European trade association representing the medical technology industries, launched the Ethical MedTech online portal to bolster ethical and compliance initiatives of the sector. <https://tinyurl.com/yajfhpm3>
- As the first deadlines arising from the texts of the IVD Regulation (EU) 2017/746 and MD Regulation (EU) 2017/745 are approaching, the Commission is determinedly working on the first set of implementing acts to start putting in place the governance and the structure of the new Regulations. Once the draft implementing acts are finalised, they will be made available
- Researchers in the US have developed technology that enables smartphones to perform laboratory standard medical diagnostic tests. The spectral transmission-reflectance-intensity (TRI) Analyser attaches to a smartphone and is able to analyse patient blood, urine and saliva samples. <http://tinyurl.com/y7hawskt>

International Free Trade Agreements

- After 18 intense and constructive negotiating rounds and several meetings at technical and political levels, the EU and Japan have reached a political agreement in principle on an Economic Partnership Agreement. The negotiations were launched in 2013. Members of the European Parliament's committee on International Trade (INTA) discussed with Trade Commissioner, Cecilia Malmström, the political agreement with Japan, which represents a first step in the conclusion of the EU-Japan Free Trade Agreement (FTA) negotiations. The deal is set to remove almost all custom duties, which sum up to EUR 1bn annually, with exporters of processed food, chemicals and cars seen as some of the main beneficiaries on the European side. The European Parliament is now set to scrutinise the outcome of the last round of negotiations and the political agreement. <https://tinyurl.com/d7t5zku> and <http://tinyurl.com/y96dz8yo>
- The EU has published a series of **textual proposals** of EU-Mexico Trade negotiations on issues such as trade in goods, services, investment, technical barriers to trade, competition rules, trade defence instruments, resolution of state-to-state disputes, transparency and sustainable development. The publication of these proposals stems from the Commission's commitment to transparency in trade negotiations, as expressed in the "Trade for All" strategy paper. The European Commission has published as part of its commitment to a more transparent trade policy – reports summarising the progress made during the latest negotiating rounds for the [EU-Mexico](#) and [EU-Mercosur](#) trade agreements. The round reports include more details on progress made in all areas of the negotiations, including trade in goods, services, investment and technical barriers to trade. Both negotiations are progressing at a good pace with full engagement from both partners. <https://tinyurl.com/y8xmijz9>
- The EU is set to offer further trade concessions to Kiev, according to a June informal agreement with EU ministers. In talks, MEPs approved most of the proposed new concessions, but reduced the volume of the additional quota for certain agricultural products and insisted that the fight against corruption become a condition for granting Kiev preferential exports. <https://tinyurl.com/y93fqlnk>

- **The EU wins WTO dispute challenging Brazil's tax subsidies in the ICT, electronics and automotive sectors.** In one of the most comprehensive disputes ever launched by the EU, the Panel found that numerous Brazilian tax programmes are illegal under WTO rules. The ruling states that the programmes discriminate against EU automotive, ICT and electronic products and grant prohibited import and export subsidies to Brazilian companies. The dispute also covered fiscal incentives contingent on Brazilian firms meeting certain export performance requirements. <https://tinyurl.com/y6w987b6>
- **The EU and Canada will begin provisionally applying the Comprehensive Economic Trade Agreement (Ceta) on 21 September 2017.** The EU's obligation for data protection under this agreement is in conflict with EU law on public access to information, particularly in relation to pesticides. Therefore, the EU will soon be forced to choose between honouring its trade commitments and abiding by the law on public access to environmental information. <https://tinyurl.com/ydxdcrr2>
- **WTO reverses "prohibited" subsidies ruling, EU calls on US to respect obligations as main dispute continues.** The World Trade Organisation (WTO) Appellate Body has today published a report reversing a previous WTO panel ruling of 28 November 2016. That ruling said that subsidies provided by Washington State to Boeing for its 777X aircraft were 'prohibited' due to local content requirements. The EU disagrees with the Appellate Body assessment of the scheme. <https://tinyurl.com/y78vq36u>
- **EU launches global Alliance for Torture-Free Trade.** EU Trade Commissioner Cecilia Malmström today announced that the EU will launch an international Alliance for Torture-Free Trade. The initiative – a joint effort with Argentina and Mongolia – aims to end the trade in goods used for capital punishment and torture and will be formally launched on 18 September during United Nations General Assembly week in New York. <https://tinyurl.com/yc6kqvrv>
- **Following the signature by both EU legislators, European Parliament and the Council, the EU's additional trade concessions for Ukraine will be available as from 1 October 2017.** The Regulation on Autonomous Trade Measures (ATMs) for Ukraine was signed on 13 September 2017 in Strasbourg, by Mr Antonio TAJANI, the European Parliament President and Mr Matti MAASILAS, the Deputy Minister for EU Affairs for the Estonian Council Presidency. <https://tinyurl.com/c4aw2wq>
- **Members in plenary will debate and vote next week on three files to reinforce EU's trade and economic relations with Chile.** An agreement on organic trade, a Protocol to fully take on board Croatia's accession to the EU in bilateral relations, and Parliament's Recommendations to the other institutions about the forthcoming negotiations with Chile to modernise the existing Association Agreement. For INTA's Rapporteur, Inmaculada Rodríguez-Piñero, this 2002 agreement has been successful but needs to adapt to modern trading and investment patterns, to find the right balance between the need to boost economy and to protect the general interest, among other measures, with the inclusion of an enforceable chapter on sustainable development. <https://tinyurl.com/c4aw2wq>
- **Commission unveils initiatives for a balanced and progressive trade policy.** Following the State of the Union speech by President Jean-Claude Juncker, the Commission has today unveiled a weighty package of trade and investment proposals for a progressive and ambitious trade agenda. The proposals include the creation of a European screening framework to ensure that foreign direct investment does not compromise the EU's strategic interests when it comes to security and public order, as well as draft mandates to open trade negotiations with Australia and New Zealand. <https://tinyurl.com/y777mhvk>
- **The Council decided on 14 September 2017 to publish the directives given to the Commission to negotiate a trade agreement with Japan.** In 2012, the Council gave a mandate to the Commission to start trade negotiations with Japan. At the EU-Japan summit of 6 July 2017, both parties reached agreement in principle on the main elements of a free trade deal, known as the economic partnership agreement (EPA). Work is currently underway to address the remaining open issues and finalise the legal text, with a view to the signature, ratification and conclusion of the agreement. <https://tinyurl.com/yaex4xvk>

Public Consultations and Call for Tenders

- **The European Commission has launched an EU-wide public consultation on how to make the EU food supply chain fairer.** The Consultation focuses on three areas relating to farmers' position in the food supply chain: unfair trading practices (UTPs), market transparency and producer cooperation. The input received from this consultation will complement the work on the simplification and modernisation of the CAP. Deadline for submissions is 17 November 2017. <http://tinyurl.com/y8qhp4yu>
- **The European Commission has launched a public consultation on how Europe should promote digital innovation in health and care, for the benefits of citizens and health systems in Europe.** The input will feed into a new policy Communication to be adopted by the end of 2017, as announced in the recent review of the Commission's Digital Single Market strategy. <https://tinyurl.com/y8zxv52f>
- **The European Commission has launched a public consultation on the evaluation of the Batteries Directive.** Deadline: 28 November 2017.

Andreas Kinzel and Ömer Güzel participated at the EA LC Meetings 2017, which took place on 25-27 September 2017, in Berlin.

Main outcomes:

- ⇒ Some very interesting questions concerning key activities, internal calibration and subcontracting have been discussed;
- ⇒ A breakout session concerning the revision of ISO/IEC 17025 has been held based on the actual FDIS.

During the meeting, several topics were discussed:

- ⇒ Presentation of the EUROLAB Report;
- ⇒ EUROLAB “Assessment of Assessors” Project discussed in detail. The idea of lack of harmonization got some controversial responses. The EUROLAB representatives explained that the aim of this project is to find out the real situation, level of deviation from harmonization between assessors and AB's;
- ⇒ In addition, the EUROLAB representatives mentioned that the preparations for the transition to the new ISO/IEC 17025:2017 are already done by EUROLAB and any revised documents will be published on the EUROLAB website once available.
- ⇒ The EURACHEM report was also presented. The Proficiency Testing (PT) leaflet – “Selecting the right proficiency testing scheme for my laboratory” is now available. The leaflet on “Proficiency Testing – how much and how often?” has been also completed and is now available in Website;
- ⇒ Other organisations presented their activity reports as well;
- ⇒ EA Strategy 2025 and the implementation plan which has started in September 2017;
- ⇒ Revision of LC terms of reference;
- ⇒ LC training programme.

Other issues were discussed during the meetings to which 63 participants including EUROLAB representatives, Andreas Kinzel and Ömer Güzel participated.

For additional details, please ask the EUROLAB General Secretariat for the detailed meeting report.



Upcoming EUROLAB Events

- **JTC PTC**, in Paris, 4 - 5 November 2017
- **TCQA Meeting**, in Paris, 16 November 2017
- **EUROLAB Board meeting**, in Paris, 17 November 2017
- **EUROLAB National Members' Meeting**, in Paris, 16 - 17 November 2017
- **EUROLAB General Assembly and Annual Meetings**, in Varna, 19 - 20 April 2018

International Events

Croatian Food Safety and Quality Congress - New Achievements and Future Challenges

The first Croatian Food Safety and Quality Congress with international participation – 'New Achievements and Future Challenges', will take place on 21-24 November 2017, in Opatija, Croatia, at Grand Hotel 4 Opatijska Cvijeta.

Congress Program covers topics in the following areas: safety and quality of food, with an emphasis on the effects on human health; contaminants in food and new trends in the analysis of contaminants; protection of originality and geographical origin of products; organic production; labeling and product identification; environmental influences on food safety and quality; assessment and risk management; problems related to adulteration of food and its detection; latest analytical possibilities and methods in the identification and quantification of biological, chemical and physical hazards in food; examples of good manufacturing practice; security measures and quality management in the production and distribution chain; infrastructure components of quality – accreditation and certification.

Conference topics are intended for professionals of different profiles: medical doctors, nutritionists, laboratory analysts, chemists, agronomists, veterinarians, biochemists and pharmacists, and accreditation and certification bodies, the relevant regulatory and supervisory authorities, as well as manufacturers and distributors of food products and consumer associations.

Participants may register online at: www.foodsq-congress.eu.

For further information, please access the event [announcement](#).

REGISTRATION
Participants may register for participation online at:
www.foodsq-congress.eu

REGISTRATION FEES

	Participants	Sponsors
Filed by September 15, 2017	€ 350.00	€ 80.00
Filed after September 15, 2017	€ 380.00	€ 110.00

ME is included.

PAYMENT
Participants pay the registration fee to the technical organizer.
Account name: Studio Hrg, Zagreb
IBAN: HR9224000001000100010
Prijemna banka Zagreb d.d.
IBAN: HR9224000001000100010
Payment paper's name: participant's name
Notification one hour before 2017, participant's name

ACCOMMODATION
The accommodation is organized at: Grand Hotel 4 Opatijska Cijeta, Hotel Agens, Hotel Continental, Hotel Royal with special congressive prices. All information about accommodation booking are available on the congress website.

OTHER INFORMATION
Certificate of Attendance
A Certificate of Attendance will be issued to all registered participants.
Sponsored exhibitors
During the Congress, an industrial exhibition of manufacturers of equipment, devices and products will be organized. For further information, please contact the technical organizer.

DEADLINES

Abstract submission deadline:	September 5, 2017
Abstract acceptance deadline:	September 15, 2017
Early registration fee deadline:	September 15, 2017
Accommodation booking deadline:	October 20, 2017

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www.foodsq-congress.eu

FOOD SAFETY AND QUALITY CONGRESS
with international participation
New Achievements and Future Challenges
November 21-24, 2017 | Opatija, Croatia



First Announcement

- **EC3-ENISA IoT Security Conference, The Hague**, 18-19 October 2017 (on invitation only): <http://tinyurl.com/ybp4ahcx>
- **Joint IAF-ILAC Annual Meetings**, Vancouver, 21-30 October 2017
- **FOSFA Annual Dinner**, Antwerp, 31 October 2017
- **Co-designing Public-Public Partnerships for the next Framework Programme, Brussels**, 7-8 November 2017 <http://tinyurl.com/ybnx2mky>
- **ICT Proposers' Day 2017**, Budapest, 9-10 November 2017, <http://tinyurl.com/y7cmnrjy>
- **EUROLAB National Members' Meeting**, Paris, 16-17 November 2017
- **40th EA General Assembly (EAGA)**, Berlin, 22 - 23 November 2017
- **European Forum for Electronic Components and Systems 2017 (EFECS)**, Brussels, 5-7 December 2017 <https://efecs.eu/>
- **International Petroleum Week**, London, 21-23 February 2018
- **The 2018 IAF-ILAC Joint Mid-Term Meetings**, Frankfurt, 04 - 11 April 2018