



IMEKO
International Measurement Confederation

Technical
Committee

TC10

Testing, Diagnostics & Inspection

eurolab aisbl

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



Call for papers for the Virtual conference

***Global Trends in
Testing, Diagnostics & Inspection
for 2030***



www.imekotc10-2020.com | info@imekotc10-2020.com

INVITATION

The International Measurement Confederation IMEKO, Technical Committee 10 on Testing, Diagnostics & Inspection and EUROLAB aisbl kindly invite you to attend the

17th IMEKO TC 10 and EUROLAB Virtual Conference
“Global Trends in Testing, Diagnostics & Inspection for 2030”
on October 20-22, 2020.

It is the second conference jointly organized by *IMEKO* and *EUROLAB aisbl* with the aim to enhance the co-operation on global level. The participants will have an excellent opportunity to meet top specialists from all over the world with professional experience in industry, universities, research & development as well as in metrology, testing, inspection, diagnostics and certification.

IMPORTANT DEADLINES:

- **June 30: Deadline for submission of abstracts**
- **July 15: Notification of authors on acceptance of abstracts**
- **September 4: Deadline for submission of full paper**
- **September 25: Notification on final acceptance and required corrections**
- **October 5: Deadline for camera-ready papers**
- **October 9: Deadline for sending the presentation (and/or video, etc. will be specified later)**

The conference is a forum for exchanging ideas about challenges for the third decade in regard to new technologies, techniques, methods, standards, conformity assessment, quality management and their application in industrial processes and scientific community. Leading keynote speakers will present their thoughts and achievements in the main topics of the Conference.

With the support of:



Invited speakers

Etty Feller, Israel (International Laboratory Accreditation Cooperation, Chair)

Jeff Gust, USA (FLUKE Chief Corporate Metrologist, Chairperson of ILAC Laboratory Committee Past President, member of the NCSLi Executive and VP for Outreach)

Bernd Kroon, Netherlands (FENELAB, the Netherlands, and EUROLAB aisbl BoA)

Klaus Oberste Lehn, Germany (TUV NORD CERT GmbH, Head of Certification, Member of Management Board)

Scientific Topics

1. Basic principles and development trends in testing, diagnostics and inspection
2. Condition monitoring and maintenance of industrial processes, plants and complex systems: measurements and methods
3. Global market novelties and challenges for metrology and the TIC sector (Testing, Inspection and Certification)
4. New regulatory framework, standards and other normative documents for safety of industrial products, food safety, health and environmental protection
5. Competence and Quality management in the TIC sector, scientific community, industry, and accreditation
6. Information management and privacy protection
7. Risk management in the TIC sector
8. Metrological traceability in testing, inspection and diagnostics
9. Measurement uncertainty
10. Verification and validation of methods
11. Inter-laboratory comparisons (ILC) and Proficiency Testing (PT) Schemes
12. Condition monitoring training as part of the university curriculum
13. Quality assurance in condition monitoring
14. Novelties and trends in digital transformation of processes
15. Measurements, testing, inspection and diagnostics for industry 4.0
16. Data Analytics, artificial intelligence techniques and machine learning for testing, diagnostics and inspection
17. Testing, diagnostics and inspection for the improvement of quality of life and environment
18. Technical testing, diagnostics and inspection for Cyber security

More information and registration at: www.imekotc10-2020.com

General Chairs

Zsolt János Viharos, Chairperson of the IMEKO TC10 on Testing, Diagnostics & Inspection, President of the Hungarian National IMEKO Committee, Centre of Excellence in Production Informatics and Control, Institute for Computer Science and Control of the Hungarian Academy of Sciences, Budapest, Hungary, Research Laboratory on Engineering and Management Intelligence, viharos.zsolt@sztaki.mta.hu

Álvaro Silva Ribeiro, President EUROLAB aisbl, Brussels, Belgium, Head of Hydraulics Metrology Laboratory, National Laboratory for Civil Engineering (LNEC), Lisbon, Portugal, asribeiro@Inec.pt

Mladen Jakovčić, President of HMD, Croatian Metrology Society and Member of IMEKO TC10, mladen.jakovcic@hmd.hr

Local Organisers

Biserka Bajzek Brezak, Member of Board of HMD, Croatian Metrology Society, and Member of IMEKO TC23, biserka.bajzek.brezak@gmail.com

Ivanka Lovrenčić Mikelić, Institut Ruđer Bošković, ivanka.lovrencic@irb.hr

Ana Čop, Croatian Accreditation Agency, ana.cop@akreditacija.hr

TECHNICAL PROGRAMME CHAIRS

General Chair

Lorenzo Ciani, Scientific secretary of the IMEKO TC10 on Testing, Diagnostics & Inspection University of Florence, Florence, Italy, Department of Information Engineering, DINFO, lorenzo.ciani@unifi.it

Technical Chairs

Ivanka Lovrenčić Mikelić, Institute Ruđer Bošković, Croatia, ivanka.lovrencic@irb.hr

Piotr Bilski, Warsaw University of Technology, Institute of Radioelectronics Warsaw, Poland, pbilski@ire.pw.edu.pl

Marija Čundeva Blajer, Ss. Cyril and Methodius University in Skopje, Faculty of Electrical Engineering and Information Technologies, Republic of North Macedonia, mcundeva@feit.ukim.edu.mk

Samo Ulaga, TINEX - Industrial Diagnostics, Slovenia, s.ulaga@tinex-dagnostika.si

LOCAL ORGANIZER:

Croatian Metrology Society

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HRVATSKO MJERITELJSKO DRUŠTVO
CROATIAN METROLOGY SOCIETY

TECHNICAL ORGANIZER:

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ProConventa
CONFERENCE AND EVENT MANAGEMENT