

IMEKO (International Measurement Confederation) is launching a series of virtual discussions (using MS-TEAMS) worldwide in 2022.

- *What:* 45-minute Discussion Club “TIC talks”
- *Who:* **IMEKO TC-11 “Measurement in Testing, Inspection and Certification”**
- *Name of the discussion room:* **Lab of the future**
- *Date and time:* **1 Mar 2022 13:00 CET**
- *Link:* [Click here to join the meeting](#) (the link is active only during the meeting)
- *Fee:* **free of charge for participants**
- *Name and surname of the moderator:* Alvaro Silva Ribeiro [asribeiro@lnec.pt](mailto:asribeiro@lnec.pt)
- *Short description of the discussion topic:* The use of new technological trends found in Industry requires new approaches to meet the requirements in materials, products, and services for which conformity assessment is key to assure safety and quality of life. Growing demands related to digital transformation, 5G communication, artificial intelligence, IoT, blockchain, among others, are strongly connected to innovation in labs. This requires also thinking about how labs will face major challenges of sustainability, cybersecurity, competence, and the human role in new types of organizations. Labs and TIC industry are changing quickly to provide safety and quality in a new global framework.
- *Briefly about the moderator:* Álvaro Silva Ribeiro has a PhD in Physics, with a career-related labs of 30 years. He is Head of the Metrological Quality Division, Quality Manager, and Head of Hydraulic Metrology Lab in the Portuguese National Laboratory for Civil Engineering. He is a former president of EUROLAB aisbl (2015-2021) and president of RELACRE (Portuguese Association of Accredited Laboratories) since 2012. He has several R&I interests namely related to traceability and measurement science, mathematical and computational tools, measurement uncertainty, data management, and quality management systems.

In the end, I would like to invite you to share this email with all to whom it may be of interest.

Mladen Jakovčić, on behalf of the organizing committee