

OIML Seminar

The future of the OIML in the digital era

16 October 2023, Chiang Mai, Thailand

The program of the Seminar and more detailed information are available at
<https://58ciml.oiml.org/seminar.html>

Background information for Part II (11:00 - 12:30)

The main task of the breakout group discussions in Part II is to digest and further elaborate on the inputs from the keynote presentations in Part I. The aim is to identify the most relevant topics, challenges, and opportunities for the future of the OIML in the digital era. The outcomes of the discussions will become the basis for a roadmap of future work coordinated by the OIML Digitalisation Task Group (DTG).

What benefits and opportunities can be expected from digitalisation?

The digital era has brought about unprecedented changes in all aspects of our lives, and legal metrology is no exception. Consider the potential advancements in accuracy, efficiency, and accessibility that digitalisation could bring to legal metrology. In principle, the existing technologies enable all countries and economies to leverage these advancements for the improvement of insights and general trust and confidence in products and services. However, the list of possibilities is almost endless, making guidance and collaboration extremely important. The OIML DTG is considered to support this by initiating projects within the OIML, establish collaborations with other organisations, and prepare recommendations for the CIML. For the discussion it will be important to consider expectations about major opportunities for legal metrology in the near future, and to discuss where the DTG should direct its focus.

What is expected from the OIML?

The OIML, as the intergovernmental body that promotes harmonisation and cooperation in legal metrology, can play an essential role in the digitalisation of legal metrology. With the rapid development of digital technologies, legal metrology faces new challenges and opportunities to ensure the reliability, security and interoperability of measuring instruments and data. The OIML can support digitalisation in legal metrology by developing international standards, providing guidance and best practices, facilitating information exchange, and fostering collaboration among stakeholders. The group discussion will address the expectations towards the OIML in general, and the DTG in particular.

How could the OIML benefit from regional and national initiatives in digitalisation?

A growing number of national and regional initiatives address digitalisation in legal metrology. The underlying principles as well as the general motivation of these initiatives have a lot in common. This offers several opportunities for collaboration, mutual developments and sharing of expertise. The OIML, as the international organisation in legal metrology, can benefit substantially from these initiatives, provided that suitable pathways and formats are identified.