



OIML Workshop 2020



Digital Transformation in Legal Metrology

27–28 May 2020 - PTB, Berlin, Germany

First Announcement and Call for Speakers

Dear Colleagues,

The PTB and the OIML are pleased to announce a Workshop on Digital Transformation in Legal Metrology. The Workshop, which will be held on 27-28 May 2020 at the PTB, Berlin, Germany, will explore contemporary challenges, opportunities and solutions regarding digitalisation in legal metrology.



Image: www.ptb.de

PTB's Hermann-von-Helmholtz-Building (HvH) in Berlin

Introduction

Digital technologies have matured significantly over the past ten years - namely *Embedded Systems*, the *Internet of Things (IoT)*, *Cloud Computing*, *Blockchain* and *Big-Data* concepts. These have facilitated completely new technology fields and data-driven markets such as the industrial internet, Industry 4.0, Machine Learning, and Artificial Intelligence-based Smart Services provided by digital platforms. These technology and data-driven possibilities, together with concepts for digital platforms, can be exploited for the benefit of all stakeholders in legal metrology, e.g. to overcome barriers to innovation set up by regulations, better coordinate legal processes, reduce development costs and reduce the time to market of new products.

Aim

The time is now right for all stakeholders in legal metrology to come together to discuss the challenges and opportunities that digitalisation brings. The Workshop will bring together experts from different technical disciplines, as well as representatives from industry, science, testing authorities, notified bodies, and regulatory authorities to discuss and present their visions, solutions and practical digital realisations in the field of legal metrology.

The Workshop will be chaired by Dr. Florian Thiel, Convener of WELMEC Working Group 7 *Software*, and co-chaired by Dr. Sergey Golubev, member of the CIML Presidential Council, together with Dr. Marko Esche, Convener of Project Group 3 under OIML TC 5/SC 2 *Software*. WELMEC and Helmholtz-Fond e.V. have also confirmed their support.

Call for Speakers, Posters and Demonstrations

This Workshop is especially intended to provide a platform for the exchange of existing strategies, concepts and first steps towards realisations.

So, if you would like to contribute actively by sharing your digitalisation approaches, projects, or experiences in this field with the legal metrology community, for example by giving a presentation at the meeting, by presenting a poster or by doing a demonstration during the poster and demonstration session, we welcome your proposals.

Please submit your proposals for presentations, posters or technical demonstrations by sending a short abstract by 28 February 2020 to MIT@ptb.de. The proposals will be peer-reviewed by the Workshop committee.

Publication of presentations

Following the Workshop the presentations will be published on the PTB and OIML websites.

Participants, fee and registration

Please note that the number of participants is restricted to 130, therefore early registration via MIT@ptb.de is recommended.

The Workshop fee is 250 €. The fee includes all the Workshop sessions, lunch on both days, an invitation to an evening dinner on 27 May 2020, coffee/tea/refreshments during the breaks, and the Workshop materials. If you register before 29 February 2020, you will qualify for the Early Bird Registration fee of 150 €. The fee will be waived for those giving a presentation.

For further information, please do not hesitate to contact us either via MIT@ptb.de or directly via florian.thiel@ptb.de.

Please register using [this link](#) to the Workshop registration website (registration opens on 11 December 2019).

Final program

The final program will be distributed by the end of April 2020. The Workshop will start on 27 May at 1:00 p.m. and will end on 28 May at 2:00 p.m. We look forward to receiving your proposals and to seeing you at this event!

Venue

The PTB's Berlin Institute is located in Berlin-Charlottenburg (close to Ernst-Reuter-Platz). This is where the history of the PTR/PTB began more than 125 years ago. The PTB comprises an impressive ensemble of historical buildings and is a modern research and service institute for scientific measurement technology.

The Workshop will be held in the [Hermann-von-Helmholtz-Building](#) (HvH) on the campus. The Berlin Institute has been the traditional site of the PTB in Berlin-Charlottenburg since 1887. Here lies the focus of the divisions "Temperature and Synchrotron Radiation" as well as "Medical Physics and Metrological Information Technology".

The Institute is not only a vital part of the scientific landscape of Berlin, it also represents – and is the showcase of – the PTB for politics and publicity in the federal capital. Furthermore, the PTB operates a laboratory in the electron storage ring BESSY II as well as its own electron storage ring Metrology Light Source – both on the south side of the city, in the Berlin-Adlershof Technology Park.

For more details and how to get to the PTB's Campus in Berlin-Charlottenburg please visit [this link](#).

Kind regards,

The Workshop Organisers

**“Digital Transformation is a Journey
not a Destination”
*Let's travel together***

Source: pwc



Image: www.pixabay.com