



# APEC CAPACITY BUILDING WORKSHOP ON UNDERSTANDING CONFORMITY REQUIREMENTS FOR SOFTWARE CONTROLLED WEIGHT AND MEASURING INSTRUMENTS FOR SUSTAINABLE TRADE 2022

**MAY 10<sup>TH</sup> - 12<sup>TH</sup>  
2022**

**KUALA LUMPUR,  
MALAYSIA**

## PROGRAMME

### 10 MAY 2022 (Tuesday) - Software in Legal Metrology

08:30 – 09:10	<p>Welcoming Remarks</p> <ul style="list-style-type: none"> <li>• Dr. Osman Zakaria President of Asia-Pacific Legal Metrology Forum</li> <li>• Prof. Dato' Ir. Dr. Hj. Abdul Wahab Mohammad, Deputy Vice-Chancellor (Research and Innovation), Universiti Kebangsaan Malaysia</li> <li>• Dato' Dr. Ahmad Sabirin Arshad President and Group Chief Executive, SIRIM Berhad</li> </ul>
09:10 – 10:10	<p>Sharing Session - Current Practice in Participants' Economies <i>Coordinated by Dr. Tsuyoshi Matsumoto</i></p> <ul style="list-style-type: none"> <li>• <i>Dr. Philip Mitchell, National Measurement Institute Australia (NMIA), Australia</i></li> <li>• <i>Mr. Pascal Turgeon, Innovation, Science and Economic Development Canada (ISED), Canada</i></li> <li>• <i>Dr. Satoshi Matsuoka, National Metrology Institute of Japan (NMIJ), Japan</i></li> <li>• <i>Ms. Haslina Abdul Kadir, National Metrology Institute of Malaysia (NMIM), Malaysia</i></li> </ul>
10:10 – 10:20	Break (pre-survey question)
10:20 – 11:00	<p>Lecture: Overview of OIML Document and WELMEC Document (PTB) <i>by Dr. Daniel Peters, Physikalisch - Technische Bundesanstalt (PTB), Germany</i></p>
11:00 – 11:10	Break
11:10 – 12:00	<p>Lecture: OIML D31 (NMIM) <i>by Dr. Muhammad Azwan Ibrahim, National Metrology Institute of Malaysia (NMIM), Malaysia</i></p>
12:00 – 12:10	Break
12:10 – 13:00	<p>Lecture: WELMEC 7.2 (PTB) <i>by Dr. Daniel Peters, Physikalisch-Technische Bundesanstalt (PTB), Germany</i></p>
13:00 – 14:00	Gamification Activity

## 11 May 2022 (Wednesday) - Software Examination

09:00 – 09:05	Day 2 Briefing by Prof. Dr. Zarina Shukur
09:05 – 09:15	Break (pre-survey question)
09:15 – 10:15	Case Studies 1: Non-Automatic Weighing Instrument <i>by Dr. Satoshi Matsuoka, National Metrology Institute of Japan (NMIJ), Japan</i>
10:15 – 10:25	Break
10:25 – 11:25	Case Studies 2: Energy Meter Instrument (SIMT) <i>by Ms. Zhou Bihong, Shanghai Institute of Measurement and Testing Technology (SIMT), China</i>
11:25 – 11:35	Break
11:35 – 12:35	IT in Metrology: Scientific Advancement <i>by Dr. Muhammad Azwan Ibrahim, National Metrology Institute of Malaysia (NMIM), Malaysia</i>
12:35 – 13:35	Gamification Activity

## 12 May 2022 (Thursday) - Software Documentation

09:00 – 09:10	Day 3 Briefing by Prof. Dr. Zarina Shukur, UKM, Malaysia
09:10 – 10:10	Challenges in Examining Software for Pattern Approval <ul style="list-style-type: none"><li>• <i>Dr. Satoshi Matsuoka, National Metrology Institute of Japan (NMIJ), Japan</i></li><li>• <i>Ms. Zhou Bihong, Shanghai Institute of Measurement and Testing Technology (SIMT), China</i></li><li>• <i>Dr. Muhammad Azwan Ibrahim, National Metrology Institute of Malaysia (NMIM), Malaysia</i></li></ul> Q&A moderated by Dr. Tsuyoshi Matsumoto
10:10 – 10:20	Break
10:20 – 11:20	Software for Measuring Instrument: Good Practice <ul style="list-style-type: none"><li>• <i>Mr. Suresh Candra Bose, Mettler Toledo (M) Sdn Bhd, Malaysia</i></li><li>• <i>Mr. Herb Atens, Mettler Toledo, USA</i></li></ul>
11:20 – 11:30	Break (pre-survey question)

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11:30 – 12:30	Industrial Practice in Software Testing and Software Documentation <ul style="list-style-type: none"><li>• <i>Prof. Dr. Okfalisa, Universitas Islam Negeri Sultan Syarif Kasim Riau, Indonesia</i></li><li>• <i>Assoc. Prof. Dr. Jamaiah Yahaya, Universiti Kebangsaan Malaysia, Malaysia</i></li></ul>
12:30 – 13:00	Gamification Activity and Post-Survey
13:00 – 13:30	Closing <ul style="list-style-type: none"><li>• Gamification Activity Appreciation</li><li>• Certificate of Attendance</li></ul>

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