

FORUM-MD Workshop
“Emerging Topics of Digitalization in Metrology”

19 February 2025, BIPM, Sèvres (9h00-17h30 UTC+1)

09h00-09h15	Welcome and Introduction	Cornelia Denz (PTB, Germany), Georgette Macdonald (NRC, Canada) and Hector Laiz (INTI, Argentina)
09h15-10h45	Session1: Basic themes of digitalization	Chair: Hector Laiz
09h15-09h35	1.1 <i>Traceability in the digital world</i>	Blair Hall (MSL, New Zealand)
09h35-09h55	1.2 <i>Uncertainties in the digital world</i>	Stephen Ellison (LGC, United Kingdom)
09h55-10h15	1.3 <i>Measurement Information Infrastructure</i>	Mark Kuster (NCSLI, USA)
10h15-10h35	1.4 <i>National research data infrastructure</i>	York Sure Vetter (NFDI, Germany)
10h45-11h15	Coffee Break	
11h15-13h00	Session 2: Digital data & digital tools	Chair: Georgette Macdonald
11h15-11h35	2.1 <i>FAIR Data Maturity Model</i>	Edit Herczog (RDA Europe)
11h35-11h55	2.2 <i>World FAIR Project</i>	Simon Hodson (CODATA, France)
11h55-12h15	2.3 <i>Enhancing interoperability in DCCs</i>	Diego Coppa (INTI, Argentina)
12h15-12h35	2.4 <i>DCC as part of the digital ecosystem</i>	Sami Koskinen (Beamex, Finland)
12h35-12h55	2.5 <i>Digitalized attestation systems</i>	Brett Hyland (NATA, Australia)
13h00-14h00	Lunch	
14h00-16h00	Session 3: Future topics: Trustworthy AI	Chair: Cornelia Denz
14h00-14h20	3.1 <i>AI and Standards</i>	Kirsten Streuer (Ministry for Economic Affairs and Climate Action - Division VIA2 - Artificial Intelligence, Germany)
14h20-14h40	3.2 <i>AI and ISO</i>	Wael Diab (ISO/IEC JTC 1/SC 42)
14h40-15h00	3.3 <i>AI in real applications: AI-MET</i>	Sascha Eichstädt (PTB, Germany)
15h00-15h20	3.3 <i>AI and Safety</i>	Petra Ritter (Charité, TEF Health, Germany)
15h20-15h40	3.4 <i>Quality metrics for sensor networks</i>	Shahin Tabandeh (VTT, Finland) and Cui Shan (NMC, A*STAR, Singapore)

16h00–16h30 Coffee Break

16h30-17h30 *Panel discussion:*
Digitalization & AI needs of industry

Moderator: Louise Wright (NPL)

Panelists: Anjali Sharma (NPLI), Brett Hyland (NATA), Sami Koskinen (Beamex), and Frank Haertig (PTB)

17h30 Closing the meeting
