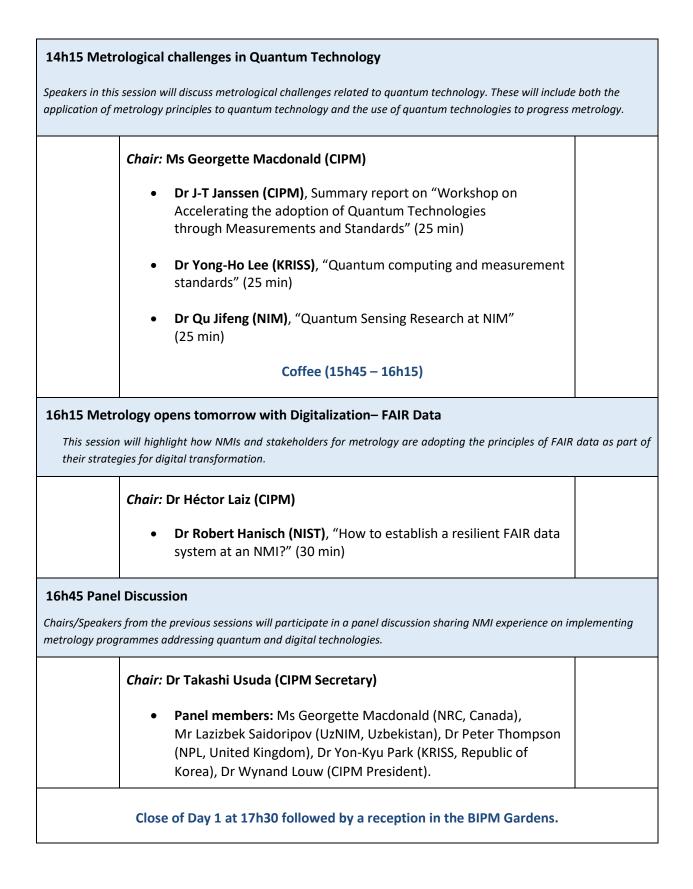
#### Draft Agenda 23<sup>rd</sup> Meeting of the Directors of NMIs and Member State Representatives 17 – 18 October 2024 BIPM, Sèvres (and on-line)

Please register <u>here</u> or using the following link:

https://form.jotform.com/BIPM/23rd-NMI-Dir-MS-Reps-meeting

	Day 1 - Thursday 17 <sup>th</sup> October 2024				
<b>09h30 Opening Session</b> The agenda for this meeting was prepared in collaboration with the Presidents of COOMET and GULFMET. The theme will be "Future opportunities for metrology in the digital transformation" which was chosen following discussion during the NMI Directors' meeting in 2023. The opening sessions will highlight some of the work overseen by the CIPM in this area. After lunch, there will be an update on the challenges identified for metrology in quantum technology that emerged from the workshop held on March 2024.					
	<ul> <li>Welcome to the meeting by the CIPM President. Dr Wynand Louw – CIPM</li> <li>Highlights from the work of the BIPM Headquarters 2023/24, including the launch of the "SI Reference Point" Dr Martin Milton - BIPM</li> <li>Report on the work of the "CIPM Forum on Metrology and Digitalization" Prof. Dr Cornelia Denz – CIPM</li> <li>Coffee (10h45 – 11h15)</li> </ul>				
This session	<b>11h15 Metrology opens tomorrow with Digitalization– Artificial Intelligence</b> This session will focus on examples of how NMIs are bringing using their metrology experience to support the implementation of artificial intelligence.				
	<ul> <li>Chair: Dr James Olthoff (CIPM)</li> <li>Dr Agnès Delaborde (LNE), "Enhancing control of Generative AI through metrology" (30 min)</li> <li>Prof. Dr Tobias Schäffter (PTB), "Data quality metrics and reference data for AI" (30 min)</li> <li>Lunch (12h30 – 14h15)</li> <li><u>There will be an opportunity to visit the BIPM laboratories during the lunch break (13h30-14h00)</u></li> </ul>				



focus on the actions of the CIPM mandated at the 27 <sup>th</sup> CGPM.		
The second day will focus on the actions of the CIPM mandated at the 27 <sup>th</sup> CGPM.		
<i>rs:</i> Dr Wynand Louw (CIPM President) and Dr Takashi Usuda M Secretary)		
<ul> <li>Progress with the mandates given to the CIPM by the 27<sup>th</sup> CGPM (Dr Wynand Louw - CIPM)</li> </ul>		
• The CIPM strategy (Dr Wynand Louw - CIPM)		
Open discussion		
Coffee (10h30 – 11h00)		
<ul> <li>Progress with the modernization of the organization:</li> </ul>		
<ul> <li>Status on the by-laws of the BIPM and the Rules of Procedure for the CGPM, (Dr Philippe Richard – CIPM)</li> </ul>		
<ul> <li>Plans for an observer status to address the challenge of achieving "universal adherence". (Dr Victoria Coleman - CIPM)</li> </ul>		
<ul> <li>Summary of the outcomes from the Young Metrologists' "Vision 2050 plus" exercise</li> <li>Mr Chingis Kuanbayev (BIPM) and Mr Kangyoung Sung (BIPM/KRISS)</li> </ul>		
Lunch (12h15 – 13h30)		

between UTC and the Earth rotational angle, so to avoid the leap second discontinuities in UTC. A new hot topic is also arising: what reference time shall be used on the Moon and beyond? This session will include a report on this progress following the agreed CCTF roadmap and allow a period for discussion about the next steps which still require an engagement of all NMIs.

Chair: Dr James Olthoff (CIPM)

 "CCTF preparation to the CGPM 2026: redefinition, continuous UTC, and Lunar time" Dr Noël Dimarcq (CCTF President)

**Open discussion** 

14h45 to 15h30 – Conclusions from Day 1 and Day 2			
This final session will be open for discussion of any topics arising during the meeting.			
	"Plans for the celebration of the 150 <sup>th</sup> Anniversary of the Metre Convention" <b>Dr Martin Milton (BIPM)</b>		
	• Confirmation of key dates in 2025 and 2026.		
	Any other business		
	Close of meeting (15h30)		