CCM meeting
Updates from the BIPM
The official term is "States Parties to the Metre Convention"; the term "Member States" is its synonym and used for easy reference.

- **63 Member States** and
- **38 Associates of the CGPM**
  (States and Economies)

251 Institutes participating in the CIPM MRA
- 97 National Metrology Institutes + 3 Ministries
  - **64 Member States**
  - **36 Associates**
- 4 International organizations
  (ESA, IAEA, JRC, WMO)
- plus 150 Designated Institutes

**1 814 comparisons**
1143 KCs, 671 SCs

**25 821 CMCs**
Peer-reviewed declarations
World Metrology Day

The theme of World Metrology Day in 2023 is "Measurements supporting the global food system"

Partner RMO is SIM

https://www.worldmetrologyday.org/index.html
The UNESCO Executive Board took a key step towards recognizing 20 May - World Metrology Day at their session on 13 October 2022, following the proposal presented by Kazakhstan (prepared by the BIPM and the OIML) and supported by 42 UNESCO Member States.

The decision will need to be ratified by the 42nd session of the UNESCO General Conference to be held in November 2023.

If all goes to plan, UNESCO will proclaim 20 May of each year as a UNESCO world day which will then be celebrated every year from 20 May 2024.
International rulemaking for the future
The BIPM participated in the OECD event "International organizations: Supporting Countries to Anticipate, React and Rebuild in the Face of Global Disruptions" for the heads of Secretariats of international organizations (IOs) on 5 December 2022.

The BIPM future plans for universal adherence to the Metre Convention was highlighted.

More information on the partnership can be found at https://www.oecd.org/governance/better-international-rulemaking/.
Joint Statement of Intent
"On the digital transformation in the international scientific and quality infrastructure"

The joint statement provides a platform for the signatory organizations to come together to indicate their support, in a way appropriate to their particular organization, to the development, implementation, and promotion of the SI Digital Framework as part of a wider digital transformation of the international scientific and quality infrastructure.

The joint statement is part of an ongoing initiative by the CIPM and its Task Group on the Digital SI (CIPM-TG-DSI) to develop and establish a world-wide uniform and secure data exchange format based on the International System of Units (SI).

Signed by: CIE, CODATA, IEC, ILAC, IMEKO, ISC, ISO, OIML, NCSLI
The Data Plane: Findable and Accessible

User-driven applications

NMI applications

BIPM registry and portal services

BIPM digital references

BIPM core references

International Metrology Resource Registry

Digital Calibration Certificates (DCCs)

KCDB: CMCs

KCDB: KCs, SCs

JCTLM database

UTC data

New services

Standard frequencies data

Temperature scales data

Data for realizing the kilogram

Data for realizing other SI units

SI brochure + Agreed realization protocols

Fundamental constants data

 KCDB:

CMCs

KCDB:

KCs, SCs

JCTLM
database

UTC
data

New
services

...
The Interoperability Plane: Interoperability and Reusability

- Units
- Quantities
- Constants
- International vocabulary

BIPM core references

V I M  SI brochure  G U M
e-Learning - courses

A “training platform” operated by the BIPM, able to host both BIPM and RMO e-learning material.

- bespoke e-learning solution based on the Moodle - Open-Source software
- 840 users in the platform
- 4 RMOs have joined the initiative: APMP, COOMET, EURAMET, GULFMET
- 17 courses from BIPM and participating RMOs are available today
- Self-registration system

https://e-learning.bipm.org/

...accessible around the clock and on any device
The CIPM MRA brochures

The brochures have been written in an accessible way for both metrologists and non-experts alike.

Knowledge Transfer through Metrologia

Knowledge Transfer initiative through funding the open-access publication of selected review papers in *Metrologia*

This initiative highlights the service rendered to the world-wide metrology community by senior scientists devoting time to publishing review papers on topics of interest and these papers being made openly available to all through Open Access publication in *Metrologia*.

Authors interested in proposing a review paper for open-access publication are invited to contact the Editor of *Metrologia*.

The Metre Convention was signed in Paris by 17 nations on **20 May 1875**

“We are planning a number of events in Paris in the week of 20th May 2025.

To celebrate the achievements of 150 years of metrology by the BIPM since the signature of the Metre Convention.
To present a new vision and strategy for the BIPM for 2030 and beyond developed by the CIPM.
To promote metrology to the widest possible global audience.

“to assure the international unification and perfection of the metric system”
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“Enlargement”

The heading for the Metre Convention states that

“The High Contracting Parties ... wishing to assure the international unification and perfection of the metric system ...

- 63 Member States* and
- 38 Associates of the CGPM
(Donors and Economies)

The CGPM ... invites the CIPM

“to examine the current application of Article III of the Metre Convention and report to the CGPM at its 28th meeting on how ... to facilitate lasting and universal adherence to the Convention”

27th CGPM, 2022

“to assure the international unification and perfection of the metric system”
The Metre Convention was signed in Paris by 17 nations on 20 May 1875.

“to assure the international unification and perfection of the metric system”

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“Digital transformation”

“The Unique SI Reference Point”

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27th CGPM, 2022
Anna Cypionka is the new Director of the BIPM International Liaison and Communication Department

The BIPM welcomes Anna Cypionka as Director of the International Liaison and Communication Department (ILC), from 1 March 2023, following the retirement of Andy Henson.

Having dedicated more than two decades to the international liaison and global coordination of metrology, Andy Henson is proud of having assembled an effective and experienced team, which is able to cover the extended breadth of activity that comes under the scope of the Department: the CIPM MRA and the related KCDB 2.0 platform; the Capacity Building and Knowledge Transfer Programme; intensified collaboration with the other pillars of the International Network of Quality Infrastructure and raising awareness to the importance of investing in metrological infrastructure through policy dialogue with government.

The BIPM wishes Anna plenty of success in this new role and extends its warmest thanks to Andy for his tireless diligence to the immense benefit of our community.
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<th>ILC Department</th>
<th>Dr Anna CYPIONKA</th>
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<td><strong>ILC Department</strong></td>
<td>Director</td>
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<th>Institutional liaison and membership</th>
<th>Ms Rahima GULIYEVA</th>
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| CIPM MRA and CBKT | Dr Chingis KUANBAYEV  
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<td>Head of CBKT and CIPM MRA support</td>
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**OPEN POSITION**

| CIPM MRA and CBKT | Dr Stephanie MANIGUET  
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**OPEN POSITION**

| Digital transformation | Dr Janet R. MILES  
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**OPEN POSITION**

| Digital transformation | Dr Gregor DUDLE  
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| Communications | Mr Robert SITTON  
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| Communications | Ms Céline PLANCHE  
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| Communications | Dr Dana VLAD  
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**NN**

- Secondment to start June 2023
- Strategy Development and Capacity Building

- Secondment to start 15 July 2023
- JCRB Executive Secretary
Thank you