Update from the BIPM Director

21st October 2020
Dr Martin Milton
BIPM Director
Members and Associates

- 62 Member States* and
- 40 Associates of the CGPM
  (States and Economies)

*The official term is “States Parties to the Metre Convention”; the term “Member States” is its synonym and used for easy reference.

262 Institutes
- 102 National Metrology Institutes
  - 61 Member States
  - 41 Associates
- 4 International organizations (ESA, IAEA, IRC, WMO)
- plus 156 Designated Institutes

1,613 comparisons
1,039 KCs, 574 SCs

25,242 CMCs
Peer-reviewed declarations
Key changes since the last meeting of the CCT

- TC Chairs are always invited to CC meetings.
- NMIs of Member States may request that one person takes part as an observer.
- Decisions are by “consensus”.
- Meetings may be held on-line.

On the BIPM website as a CIPM “publication”
New **Digital Transformation** projects

- The CIPM have a long-term aim to establish a framework for documents and data that are “FAIR”.

- “Conventional calibration certificates could soon become history”

- Digital Calibration Certificates (DCC) will be widely used.
New **Digital Transformation** projects

Machine readable access to the KCDB
New **Digital Transformation** projects

Machine readable access to the KCDB

First XML version of the SI Brochure

```xml
<?xml version="1.0"?>
<questionnaire>
  <question>
    Qui était le premier empereur romain ?
  </question>
  <réponse>
    Auguste
  </réponse>
</questionnaire>
```

---

**HTML**

**PDF**
New Digital Transformation projects

Both projects will be beta-tested with user groups in November

Machine readable access to the KCDB

First xml version of the SI Brochure
BIPM Actions during confinement

- We have sustained all key activities
  - eg Circular-T, World Metrology Day, launch of KCDB2.0
- We have brought forward some activities in the WP
  - eg automation of data handling in SIR, on-line technical exchange/capacity building
- We are working to understand how we can best NMIs them as the “new normal” emerges.
  - eg the NMI “COVID action” repository, the CCQM COVID pilot studies
- We are developing new ways to support the CCs on-line
  - eg 50 Webex video meetings for CCQM and new schedules/webinars for the CCTF.
- We are now back to 100% operational efficiency whilst incorporating necessary health protection measures.