

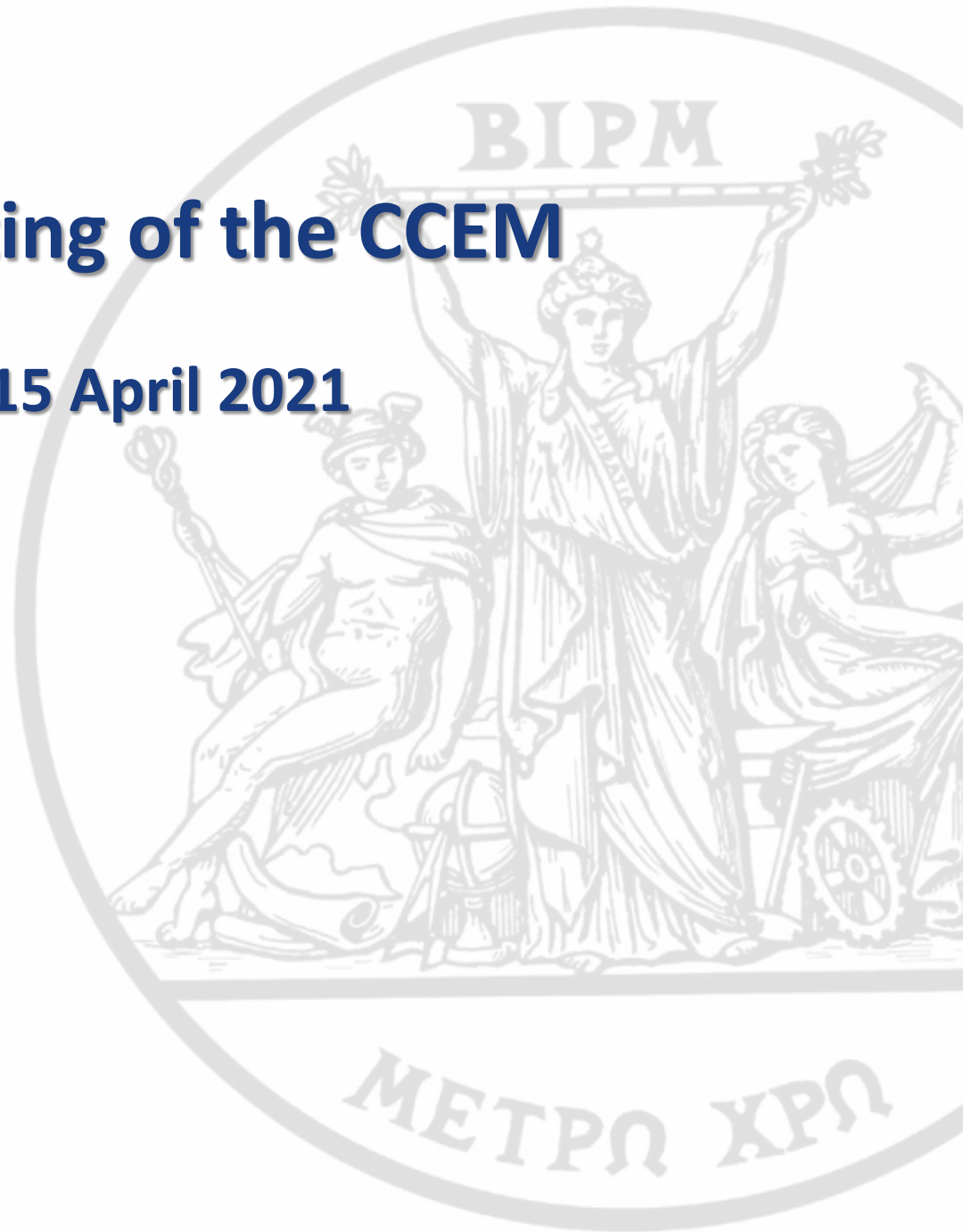
# 32<sup>nd</sup> Meeting of the CCEM

14 – 15 April 2021

Gerrit Rietveld  
CCEM President

Michael Stock  
CCEM Secretary

**B**ureau  
International des  
Poids et  
Mesures



# Welcome

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- ◆ Attendants from all of our 26 members and 2 observers
- ◆ Additional observers and guests
  - DEFNAT, dr. Mallat
  - EMI, dr. J. Bartolomew
  - NIST, Dr. J. Kushmerick
  - SASO-NMCC, dr. Al-Ali
  - UMTS, prof. Velychko
- ◆ BIPM staff

Rapporteur: dr. Marc-Olivier André

- ◆ Meeting will be recorded to support the rapporteur

# Welcome

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## Meeting ‘rules’

- ◆ Mute your microphone when not speaking  
(use space to unmute)
- ◆ Switch off video to reduce bandwidth
- ◆ Use “Raise hand” to indicate you want to speak  
(and lower it afterwards)

## Working documents on the (new) BIPM website

- ◆ Not all members have submitted their NMI reports!

# Recognition dr. Barry Inglis (previous CCEM president)

Officer (AO) in the general division of the Order of Australia

“for distinguished service to science and engineering, particularly to metrology, measurement standards and research, and to professional organisations”



237 · 52 comments



National Measurement Institute, Australia

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Congratulations to Dr Barry Inglis, NMI's inaugural CEO and Chief Metrologist, who has been recognised in this year's Australia Day Honours as an Officer of the Order of Australia "for distinguished service to science and engineering, particularly to metrology, measurement standards and research, and to professional organisations".

Dr Inglis was notably instrumental in establishing the National Measurement Institute in 2004 and was the first Australian and only the second non-European to be elected to the position of President of the International Committee for Weights and Measures (CIPM). As CIPM President, Dr Inglis oversaw global efforts that led to the re-definition of the International System of Units (SI) in 2019, one of the most significant milestones in the history of measurement.

<https://lnkd.in/gSAUY8a> ✓

#AustraliaDayHonours #metrology #MeasurementStandards #BIPM

# 1. Agenda (summary)

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2. Actions arising from the minutes of the 31<sup>st</sup> CCEM meeting
3. News from CIPM and BIPM
4. GT-RF report
5. WGLF report
6. WGRMO report
7. Cooperation with other Consultative Committees
8. CCEM strategy
9. BIPM electricity work programme
10. Membership review
11. AOB and date of next meeting

## 2. Actions from previous meeting

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Two actions agreed at the CCEM 2019 meeting:

1. Extending the Action 4 of CCEM WGRMO by finding a process to inform each other on an early stage of a comparison. → agenda item 6, WGRMO report
2. Drafting team to prepare the strategy document for the next meeting in 2021. → agenda item 8, CCEM strategy

Suggestion for increasing the information exchange (emails)

# 3. News from the CIPM

- ◆ Revised SI implemented since 20 May 2019!
- ◆ CIPM meetings since March 2019: Oct 2019, Oct 2020
  - Additional WG meetings in June 2020, March 2021

All CIPM decisions and reports are public!

<https://www.bipm.org/en/committees/ci/cipm/meetings>

<https://www.bipm.org/en/committees/ci/cipm/109-2020> (report and decisions)

**International Committee  
for Weights and Measures**  
Proceedings of the 109th meeting  
(12-14 October 2020)

# 3. News from the CIPM

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CIPM 2019 and 2020 discussions and decisions on:

- ◆ Cooperation with OIML
- ◆ Strategy discussions
  - SC1: Responding to evolving needs for metrology
  - SC2: Addressing key scientific challenges
  - SC3: Strategy for deepening engagement with other IOs
  - SC4: Review of the strategy for future membership of the Organisation
  - SC5: Modernizing the operations of the organization (CIPM RoP)
- ◆ CIPM Task Group on the “Digital-SI”
- ◆ BIPM finances, pension fund
- ◆ Impact of the pandemic – BIPM program, CIPM & CC meetings



# CC objectives and decision making

## Decision CIPM/106-16

The CIPM decided the following text for inclusion in CIPM-D-01:

In order to be informed of technical developments and evolving stakeholder needs in different areas of metrology, the CIPM has Consultative Committees with agreed scopes and the following three objectives:

- to progress the state-of-the art by providing a global forum for NMIs to exchange information about the state of the art and best practices,
- to define new possibilities for metrology to have impact on global measurement challenges by facilitating dialogue between the NMIs and new and established stakeholders, and
- to demonstrate and improve the global comparability of measurements. Particularly by working with the RMOs in the context of the CIPM MRA to:
  - plan, execute and monitor KCs, and to
  - support the process of CMC review.