

Synopsis of the decisions and actions arising from the 14th meeting of the CCAUV 25-26 October 2023

The 14th the meeting of the Consultative Committee of Acoustics, Ultrasound and Vibration (CCAUV) was held at the BIPM headquarters from 25 to 26 October 2023. The meeting followed the CCAUV Working Groups (SPWG, KCWG, RMOWG) and a workshop. The workshop focused on “The contribution of CCAUV to the “Evolving needs in Metrology”” with seven oral presentations covering many applications of metrological significance in a wide frequency range of acoustics, vibration and ultrasound.

The activities carried out in the RMOs and NMIs were presented, and the reports conducted by the CCAUV working groups were discussed. In addition, a new Task Group on digitalization (CCAUV TG-DIG) has been created to support the development of the SI Reference Point and BIPM digital services in the field of AUV and to support the activities of the CIPM Forum on Metrology and Digitalization in AUV.

The decisions and actions arising from the 14th meeting of the CCAUV (2023) are summarized below.

Decisions of the 14th meeting of the CCAUV

CCAUV14/D1.	The CCAUV decided to establish a Task Group in Digitalization (CCAUV-TG-DIG) and appointed Thomas Bruns as Chair, with Qiao Sun, Salvador Barrera-Figueroa, Gustavo Ripper, Srinath Rajagopal and Christiaan Veldman as members. The ToR are: <ul style="list-style-type: none"> · To support the development of the SI Reference Point and BIPM digital services in the field of AUV · To support the activities of the CIPM Forum on Metrology and Digitalization in AUV.
CCAUV14/D2.	The CCAUV decided to change the membership of KCWG and SPWG from institutions to persons.
CCAUV14/D3.	The CCAUV decided to add D. Rodrigues (LNE), A. Chijioke (NIST) and W.H. Cho (KRISS) as members of the CCAUV SPWG.
CCAUV14/D4.	The CCAUV decided to add I. Veldman (NMISA), L. Dickinson (NMIA) and A. Canu (LNE) as members of CCAUV KCWG.
CCAUV14/D5.	The CCAUV decided to modify the ToR of the RMOWG. The new ToR are : <ul style="list-style-type: none"> · keep RMO representatives abreast of relevant CCAUV developments · strengthen the cooperation between the RMOs

	<ul style="list-style-type: none"> · resolve inter-RMO CMC review obstacles · review the guidelines for CMC table entries · provide guidance on the range of CMCs supported by particular KCs and SCs · review the list of relevant service categories, in line with the stakeholder requirements · harmonize intra-RMO CMC review processes · maintain a technical assessor database.
CCAUV14/D6.	The CCAUV decided to repeat part of CCAUV.W-K2 for some participants.
CCAUV14/D7.	The CCAUV decided to stop evaluation of the laser tachometer rotational speed comparisons and to request the CCTF to review the Draft B report since there are already CMCs currently published for such measuring instruments under Time and Frequency.
CCAUV14/D8.	The CCAUV supports observer status at the CCAUV to the National Institute of Standards (NIS), Egypt, and a recommendation will be presented to the CIPM.

Actions of the 14th meeting of the CCAUV

CCAUV14/A1.	The CCAUV to propose that the CIPM encourages the promotion of metrological education in the academic system by the RMOs and NMIs.
CCAUV14/A2.	CCAUV President to request a liaison with IEC Technical Committee 29.
CCAUV14/A3.	CCAUV Executive Secretary to contact COOMET TC-AUV Chair for a formal answer regarding the status of comparison COOMET.AUV.V-K1.
CCAUV14/A4.	CCAUV members to review the working document "Rules of Procedure for the Key Comparison Working Group of the Consultative Committee for Acoustics, Ultrasound and Vibration" for October 2023.
CCAUV14/A5.	CCAUV members to review the working document "Guidance for carrying out key comparisons within the Consultative Committee for Acoustics, Ultrasound and Vibration" for October 2023.