

Synopsis of the decisions and actions arising from the 12th meeting of the CCAUV

26-27 September 2019

The Consultative Committee of Acoustics, Ultrasound and Vibration (CCAUV) was held at the BIPM from 26 to 27 September 2019. The meeting followed the CCAUV Working Groups (SPWG, KCWG, RMOWG) and a workshop. The workshop focused on “Diagnosis and Inspection by AUV Measurement” with eight oral presentations covering many applications of metrological usefulness in a wide frequency range of acoustics, vibration and ultrasound.

At the meeting, progress with the KCDB 2.0 was reported (including a demonstration), the activities carried out in the RMOs and NMIs were presented, and the reports conducted by the CCAUV working groups were discussed. In addition, the meeting addressed the ongoing relationship concerning the CTBTO; the CIPM MRA review process including the matrix representation of CMCs; and the newly-proposed concept of the Hybrid Comparison. The latter was welcomed by the CCAUV. Finally, the CCAUV position regarding ISO / IEC 80000-8 was discussed and a response formulated.

The decisions and actions arising from the 12th meeting of the CCAUV (2019) are summarized below.

Decisions of the 12th meeting of CCAUV

CCAUV12/D1.	The CCAUV welcomed Ukraine to take part actively in the activities organized under auspices of the CCAUV for a future application to observer status.
CCAUV12/D2.	The next meeting of the CCAUV and its working groups will be scheduled from 5 to 8 October 2021.
CCAUV12/D3.	CCAUV confirmed that the choice of CMCs format in either tabular or matrix form is the NMI’s decision (CCAUV allows either format).

Actions of the 12th meeting of CCAUV

CCAUV12/A1.	CCAUV President to propose a liaison relationship with the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO) to the CIPM.
CCAUV12/A2.	CCAUV President to propose further monitoring of the Hybrid Comparison operation including consideration of its naming to the JCRB.
CCAUV12/A3.	CCAUV President to re-iterate to relevant CCs to examine the use of g_n , the physical constant for the standard acceleration of gravity defined in CODATA, expressing concern of its expanding use over the SI unit.

CCAUV12/A4.	CCAUV President to report to the CCU and CIPM about the needs of systematic communication with ISO TC 12 and IEC TC 25 for future revision of relevant standards for units.
CCAUV12/A5.	CCAUV President to inform the CIPM about the appointments of CCWG Chairpersons and Deputy Chairpersons.
CCAUV12/A6.	CCAUV Executive Secretary to publish meeting documents in the open access area.