

The contribution of CCAUV to the “Evolving needs in Metrology”

CCAUV Workshop

24 October 2023, BIPM, 14h00-18h00 Paris Time

• Welcome and Introduction	Hector Laiz (INTI, Argentina)	
• Data-driven metrology for advanced manufacturing and structure health monitoring	Cui Shan (NMC, Singapore)	14h00-14h20
• The PTB's approach to the digital calibration certificate concerning A and V	Thomas Bruns (PTB, Germany)	14h20-14h40
• Evolving Needs in Rotational Speed Metrology	Qiao Sun (NIM, China)	14h40-15h00
• Comparison of the calibration results based on acoustical and optical methods for MEMS and LS2P microphones	Dr. Wan-Ho Cho (KRISS, Korea), Dr. Triantafillos Koukoulas (NRC, Canada), Dr. Fabio Saba (INRIM, Italy)	15h00-15h20
Coffee break		15h20-16h00
• Recent advancements in the development of acoustic transfer admittance calculation of couplers in achieving primary measurement standards for sound pressure	Rodrigues Dominique (LNE, France)	16h00-16h30
• Current status of seismometer evaluation technologies that contribute to improving the accuracy of seismic observation networks	Hideaki NOZATO (NMIJ, Japan)	16h30-16h50
• (Almost) final Results of the European Infra-AUV joint research project	Leonard Klaus (PTB, Germany), Dominique Rodriguez (LNE, France), Stephen Robinson (NPL, UK)	16h50-17h30