



Report from APMP Technical Committee for Acoustics, Ultrasound and Vibration (TCAUV)

Sojun Sato, Chair of APMP/TCAUV

TCAUV Member Economies

There are 11 member economies in TCAUV. The following table shows the member economies and the names of contact person.

Economy	NMI	Contact Person	E-mail Address
Australia	NML/CSIRO	Mr. Trevor Bell	trevor.bell@csiro.au
China	NIM	Mr. Chen Jianlin	chenjlin@nim.ac.cn
Chinese Taipei	CMS/ITRI	Mr. Chen Liang-Hsing	SimonChen@itri.org.tw
Hong Kong	SCL	Mr. Y. K. Yan	ykyan@itc.gov.hk
India	NPL	Dr. V. Mohanan	vmohanan@mail.nplindia.ernet.in
Indonesia	KIM-LIPI	Mr. Achmad Suwandi	manajemen@kim.lipi.go.id
Japan	NMIJ/AIST	Dr. Sojun Sato	sojun.sato@aist.go.jp
Korea	KRISS	Dr. Sang Joon Suh	sjs@krissol.kriss.re.kr
Malaysia	SIRIM	Mr. Wan Aziz Wan Salleh	wan.aziz_wan.salleh@sirim.my
Singapore	SPRING	Mr. Lee Shih Mean	smlee@spring.gov.sg
Thailand	NIMT	Mr. Virat Plangsangmas	virat@nimt.or.th

TCAUV Meeting and Workshop

The Technical Committee for Acoustics, Ultrasonic and Vibration (TCAUV) in APMP was created by 15th APMP General Assembly which was held at Hsinchu, Chinese Taipei in 1999.

TCAUV	Date	Place
1st meeting	November 6, 2000	Bangkok, Thailand
2nd meeting	November 5, 2001	Tsukuba, Japan
3rd meeting	December 1, 2003	Singapore
4th meeting	October 18, 2004	Beijing, China

3rd TCAUV meeting was held in Singapore on 1 and 2 December 2003, just before the 19th APMP General Assembly. 12 delegates from 9 economies were participated. KRISS proposed to work for information exchange in the metrology field of shock acceleration. In connection with the regional key comparison, it was decided that a workshop for studying the measurement uncertainty about calibration of microphones would be held if necessary.

4th TCAUV meeting and workshop will be held in Beijing on 18 and 19 October 2004, just before the 20th APMP General Assembly.

The regional key comparisons

APMP.AUV.V-K1 Standard Accelerometer

Pilot laboratory was CMS/ITRI of Chinese Taipei. 6 laboratories (CMS/ITRI, CSIRO-NML, KRISS, NMIJ, NML-SIRIM, PTB) participated in the comparison.

Final report was published in January 2001.

PTB reports the linking results to CCAUV.V-K1.

APMP.AUV.A-K1 Comparison of LS1P microphone calibration

Linking to CCAUV.A-K1, LS1P microphone comparison is in progress.

9 laboratories (NMIJ, KRISS, NIMT, CMS/ITRI, CSIRO-NML, NIM, NPLI, SCL, NML-SIRIM) participate and NMIJ is the pilot laboratory.

CMC review scheme and procedure

The APMP Technical Committee on Quality Systems (TCQS) has drawn up the guidelines, a questionnaire, report formats and review schedule for accepting a quality system. Some documents have been reported at the past JCRB meetings. All of the documents (APMP-QS1, QS2, QS3, QS4, QS5 and QS6) are downloadable from the website (www.nmij.jp/apmp/apmp_en/document/nml-0000.html).

APMP-QS2 describes the evidence that an NMI has to submit to justify their claims. One very important and essential piece of evidence is a listing of the NMIs capabilities as recognized by the technical assessors or peer reviewers. This listing is used to check against the published CMCs to determine if all CMCs are covered by the QS.

In order to notify APMP members of the procedure, the APMP TC Chairs Meeting is held twice a year. The latest Meeting was held at Bangkok, Thailand from 19 to 21 May 2004.

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