



## ASIA PACIFIC METROLOGY PROGRAMME (APMP)

### APMP Report to EURAMET

#### **1. Membership Update**

The National Metrology Center (NMC) of Cambodia was recently approved as the 40<sup>th</sup> full member institute to APMP. There are now 24 Full Member economies including:

Australia; Bangladesh; Cambodia; China; Chinese Taipei; DPR of Korea; Fiji; Hong Kong, China; India; Indonesia; Japan; Korea; Malaysia; Mongolia; Nepal; New Zealand; Pakistan; Papua New Guinea; Philippines; Russia; Singapore; Sri Lanka; Thailand; Vietnam

The 7 Associate Member economies remain unchanged for 2014. They are:

Egypt, Jordan, Kazakhstan, Kenya, South Africa, Syria and Dubai

Other APMP membership updates in short are:

- The Standards and Testing Division, Industrial Technology Development Institute (STD-ITDI) was designated by the National Metrology Laboratory of the Philippines in the area of Chemistry under the terms of the CIPM Mutual Recognition Arrangement. In accordance with the CIPM MRA, STD-ITDI is now listed in Appendix A of the Key Comparison Database (KCDB) as a participating designated institute (DI).

*Appendix 1 includes a detailed list of member institutes*

#### **2. Update of Personnel**

##### **2.1 Chairperson and Secretariat:**

Dr Peter Fisk, the CEO of the National Measurement Institute, Australia (NMIA), was formally elected by APMP's full member economies as the APMP Chair at the 2013 APMP General Assembly (GA). Dr Fisk's service term will run until GA 2015, with the possibility of extension by one year. The APMP Secretary, Ms Noleen Grogan, continues in her role supporting the Chair.

##### **APMP Secretariat contact details:**

NAME	ADDRESS	EMAIL
Ms Noleen Grogan	National Measurement Institute Bradfield Rd, West Lindfield, NSW 2070, AUSTRALIA	<a href="mailto:apmpsecretariat@measurement.gov.au">apmpsecretariat@measurement.gov.au</a> <a href="mailto:Noleen.grogan@measurement.gov.au">Noleen.grogan@measurement.gov.au</a>

**Website:** [www.apmpweb.org](http://www.apmpweb.org)



### 2.2 Executive Committee (EC):

Dr. Myungsoo Kim (Fellow, KRISS, Korea) and Dr A.K. Bandyopadhyay (Senior Scientist, NPLI, India) completed their service terms at GA 2013. Two new EC members, Dr Thomas Liew (Executive Director, NMC, A\*STAR, Singapore) and Dr Seungnam Park (Director of Physical Metrology Division, KRISS, Korea), were approved. The service term of Dr Yukinobu Miki (Director, NMIJ, Japan) was extended by one year to the 2014 GA.

#### Members of APMP's Executive Committee, January 1 2014:

NAME	ORGANISATION	EMAIL
Dr Peter Fisk (Chair)	National Measurement Institute, Australia	<a href="mailto:peter.fisk@measurement.gov.au">peter.fisk@measurement.gov.au</a>
Dr Yukinobu Miki	National Metrology Institute of Japan (NMIJ/AIST)	<a href="mailto:y.miki@aist.go.jp">y.miki@aist.go.jp</a>
Dr Tim Armstrong	Measurement Standards Laboratory of New Zealand, Callaghan Innovation	<a href="mailto:Tim.Armstrong@callaghaninnovation.govt.nz">Tim.Armstrong@callaghaninnovation.govt.nz</a>
Mr Yue Zhang	National Institute for Metrology(NIM) China	<a href="mailto:zhangy@nim.ac.cn">zhangy@nim.ac.cn</a>
Dr Gwo-Sheng Peng	Center for Measurement Standards (CMS)/ITRI, Chinese Taipei	<a href="mailto:Gwo-Sheng.Peng@itri.org.tw">Gwo-Sheng.Peng@itri.org.tw</a>
Dr Thomas Liew	National Metrology Center Singapore	<a href="mailto:thomas_liew@nmc.a-star.edu.sg">thomas_liew@nmc.a-star.edu.sg</a>
Dr Seungnam Park	Korea Research Institute of Standards and Science (KRISS), Korea	<a href="mailto:snpark@kriss.re.kr">snpark@kriss.re.kr</a>

### 2.3 Technical Committees (TCs) as of January 1 2014:

Three of APMP's Technical Committees have new chairs, Fluid Flow (TCFF), Materials Metrology (TCMM) and Ionising Radiation (TCRI). The following table provides contact details for all APMP's TC Chairs.

#### Chairs of APMP's Technical Committees, January 1 2014:

TC	CHAIR	EMAIL
TCAUV	Dr Sun Qiao, NIM, China	<a href="mailto:sung@nim.ac.cn">sung@nim.ac.cn</a>
TCEM	Dr Nobu-hisa Kaneko, NMIJ, Japan	<a href="mailto:nobuhisa.kaneko@aist.go.jp">nobuhisa.kaneko@aist.go.jp</a>
TCFF	Dr Yong Moon Choi, KRISS, Korea	<a href="mailto:ymchoi@kriss.re.kr">ymchoi@kriss.re.kr</a>
TCL & Lead TC Chair	Dr Toshiyuki Takatsuji, NMIJ, Japan	<a href="mailto:toshiyuki.takatsuji@aist.go.jp">toshiyuki.takatsuji@aist.go.jp</a>



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TCM	Dr Tokihiko Kobata, NMIJ, Japan	<a href="mailto:tokihiko.kobata@aist.go.jp">tokihiko.kobata@aist.go.jp</a>
TCMM	Dr Toshi Fujimoto, NMIJ, Japan	<a href="mailto:T.Fujimoto@aist.go.jp">T.Fujimoto@aist.go.jp</a>
TCPR	Dr Peter Manson, NMIA, Australia	<a href="mailto:peter.manson@measurement.gov.au">peter.manson@measurement.gov.au</a>
TCQM	Dr Euijin Hwang, KRISS, Korea	<a href="mailto:ehwang@kriss.re.kr">ehwang@kriss.re.kr</a>
TCQS	Dr Jongseon Park, KRISS, Korea	<a href="mailto:jspark@kriss.re.kr">jspark@kriss.re.kr</a>
TCRI	Dr Yi Chul-Young, KRISS, Korea	<a href="mailto:cyyi@kriss.re.kr">cyyi@kriss.re.kr</a>
TCT	Dr Yong Gyoo Kim, KRISS, Korea	<a href="mailto:dragon@kriss.re.kr">dragon@kriss.re.kr</a>
TCTF	Dr Huang-Tien Lin, CHT, Chinese Taipei	<a href="mailto:linht@cht.com.tw">linht@cht.com.tw</a>

### 2.4 Developing Economy Committee (DEC) Chair:

	CHAIR	ADDRESS	EMAIL
DEC	Mego Pinandito, KIM-LIPI, Indonesia	Puslit KIM-LIPI Kompleks PUSPIPTK, Serpong Tangerang 15314, Indonesia	<a href="mailto:mego@kim.lipi.go.id">mego@kim.lipi.go.id</a>

### 3. Highlights of APMP General Assembly and related meetings 2013

The 29<sup>th</sup> APMP General Assembly and related activities were held from 24-29 November 2013 in Chinese Taipei, hosted by the Center for Measurement Standards of Industrial Technology Research Institute (CMS/ITRI). The meetings held were:

- The APMP General Assembly
- Executive Committee (EC) meetings, Technical Committee Chairs' (TCC) meeting, joint EC-TCC meeting
- Annual meetings of APMP's 12 Technical Committees (TCs) and the Developing Economies' Committee (DEC)
- The 4<sup>th</sup> APMP NMI Directors' Workshop on "Measurement's role in addressing global challenges and ensuring the future relevance and sustainability of NMIs"
- A Symposium on "Metrology – Gearing up for Quality of Life"
- Workshops and Seminars organised by specific TCs

#### **The General Assembly approved the following:**

- 1) Dr Peter Fisk, CEO of NMIA, as the new APMP Chair;



- 2) Two new EC members, Dr Thomas Liew and Dr Seungnam Park;
- 3) Extension by 1 year of Dr Yukinobu Miki's service term on the EC;
- 4) The APMP Work plan and the Budget plan for 2014;
- 5) Three TC Initiative Proposals for 2014;
- 6) NIM, China, hosting GA 2015;
- 7) Signing of extended MoU between APMP and APLAC

### **4. Important developments**

#### **4.1 TC Initiative Projects 2014:**

APMP is pleased to continue to support the Technical Committees Initiatives Program (TCI) into 2014. Five TCI proposals were submitted for 2014 and of those three were approved from the mass and related quantities (TCM), electricity and magnetism (TCM), and fluid flow (TCFF) areas. All TCI projects are evaluated on their focus on research and development of new and innovative ideas; relevance (fit for needs) and significance to current measurement needs of industries.

#### **4.2 APMP's role in APEC FSCF PTIN:**

APLAC was the nominated Specialist Regional Bodies' (SRB) representative to the APEC Food Safety Cooperation Forum's (FSCF) Partnership Training Institute Network (PTIN) in 2013 and will act as co-representative to the FSCF PTIN with APMP in 2014.

#### **4.3 APMP member involvement in Food Allergen Project (No: CTI 34 2013A):**

APMP member, the National Measurement Institute of Australia (NMIA), is participating in APEC Project No. CTI 34 2013A titled 'Enhancing Standards, Conformity Assessment, Technical Regulations and Promoting Regulatory Cooperation in Food Allergen Management'. The related workshop took place in Vancouver, 5-8 May 2014.

#### **4.4 APMP-APLAC Cooperation:**

The APMP-APLAC Joint Proficiency Testing Working Group was recently established to develop further collaboration between the two SRBs in the organisation/coordination of joint proficiency testing programmes (PTs). The aim is to enhance and improve our regional metrological capability. The co-convenors of the APMP-APLAC PT Working Group are Dr Della Sin (APMP) and Dr Koichi Nara (APLAC) with the group comprising of five members from each SRB. Outcomes from the first meeting held in Taipei, Chinese Taipei in November include:

- Development of Terms of Reference
- Decision on composition of the WG
- Provisional Work Plan for 2014/2015



### **4.5 APMP-APLMF Project:**

In 2013 APMP signed a MoU with the Technical Cooperation department of the German national metrology institute, Physikalisch-Technische Bundesanstalt (PTB). APMP is now working with PTB and APLMF on a new joint regional capacity building project that will run over three years. A combined PTB-APMP-APLMF planning workshop is scheduled for late May associated with APMP's 2014 midyear meetings in Indonesia (2-5 June).

### **5. World Metrology Day Poster**

The Korea Research Institute of Standards and Science (KRISS) designed the World Metrology Day poster on behalf of APMP for this year's World Metrology Day. The theme for 2014 is "Measurements and the global energy challenge".

### **6. Forthcoming meetings**

KIM-LIPI, Indonesia will be hosting the *APMP midyear meetings* in Jakarta during the first week of June 2014. Website: <http://apmp-mym2014.kim.lipi.go.id/>

The 30<sup>th</sup> *APMP GA and related meetings* will be held in Daejeon, Korea from 19-26 September 2014 and will be hosted by the member from Korea, KRISS.  
Website: <http://apmp2014.org/>



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### Appendix 1

ECONOMY	MEMBER NMIs	METRE CONVENTION MEMBERSHIP STATUS	SIGNATORY TO THE CIPM MRA
Australia	NMIA ARPANSA ANSTO	Member	1999
Bangladesh	BSTI DRiCM		1999 2013
Cambodia	NMC		
China	NIM	Member	1999
Chinese Taipei	CMS/ITRI INER CHT	Associate of the CGPM	2002
Egypt	NIS	Member	2000
Fiji	FNML		
Hong Kong, China	HKSCCL GL	Associate of the CGPM	2000
India	NPLI BARC	Member	1999
Indonesia	KIM-LIPI RCChem-LIPI	Member	2004
Japan	NMIJ/AIST NICT CERI JEMIC	Member	1999
Jordan	JNMI		
Kazakhstan	KazInMetr	Member	2006
Kenya	KEBS	Member	2002
Korea (Republic of)	KRISS	Member	1999
DPR of Korea	CIM		
Malaysia	SIRIM Berhad Malaysian Nuclear Agency	Member	2001
Mongolia	MASM	Associate of the CGPM	2013
Nepal	NBSM		
New Zealand	MSL	Member	1999
Pakistan	NPSL	Member	2011
Papua New Guinea	NISIT		
Philippines	ITDI	Associate of the CGPM	2002
Russia	VNIIM	Member	1999
Singapore	A-STAR HSA	Member	1999



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South Africa	NMISA	Member	1999
Sri Lanka	MUSSD	Associate of the CGPM	2007
Syria	NSCL	Associate of the CGPM	2012
Thailand	NIMT TISTR DSS OAP	Member	1999
United Arab Emirates	DCLD		
Vietnam	VMI	Associate of the CGPM	2003



Associate Members of APMP