

World Metrology Day 2013 Conference

Measurements for Better Quality of Life

To commemorate World Metrology Day 2013, National Metrology Centre (NMC), Agency for Science, Technology and Research (A*STAR), Singapore is organising a conference on:

Date: 20 May 2013, Monday

Time: 9.00am to 4.00pm

Venue: NUS University Town, Ngee Ann Kongsi (NAK) Auditorium

World Metrology Day celebrates the founding of the Metre Convention on 20 May 1875. The Convention highlights the importance of the science of measurement and the uniformity of measurement in commercial, industrial and societal application. This year, the theme of the conference focuses on *Measurements for Better Quality of Life*.

Distinguished speakers such as Dr Tom Dawson (Keynote speaker) from Procter & Gamble, Ms Kek Tze Ling from National University Healthcare system, Ms Sim Lay Peng Deborah from Health Sciences Authority, Mr Kolin Low from Singapore Accreditation Council, and Dr Kai Fuu-Ming from Singapore-MIT Alliance for Research and Technology will share how measurement science can help improve the quality of life. Attendees can also expect to view and obtain insightful information from the exhibits by industry partners. This event will provide a useful platform for the measurement community to network and forge business partnership.

Who should attend:

- Businesses that require accurate and precise measurements for product design, manufacturing and engineering services for global markets,
- Research organisations that seek higher levels of measurement accuracy for research and development (R&D) and international collaborations
- Organisations seeking accreditation, certification or recognition for the quality of their systems, products and measurements

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- Programme -

08:15	Reception and Registration
09:00	Welcome Address <i>Dr Thomas Liew, Executive Director, National Metrology Centre (NMC)</i>
09:10	Keynote Talk: Measuring Human Hair Quality: Hair Strand Diameter and Density on Scalp <i>Dr Tom Dawson, Principal Scientist, Hair Biology, Procter & Gamble</i>
09:40	The National Metrology Centre's initiative in improving quality and productivity <i>Dr Wang Li, Principle Metrologist, National Metrology Centre (NMC)</i>
10:00	Morning Tea Break & Exhibition
10:30	Acoustic Measurement in Hearing Test and Hearing Aid - towards Better Quality of Life <i>Ms Kek Tze Ling, Senior Audiologist, National University Health System</i>
10:50	Making Chemical Measurement Better <i>Ms Sim Lay Peng Deborah, Scientist, Health Sciences Authority</i>
11:10	SAC's Effort in Reliable Product Testing to Enhance Consumer Confidence <i>Mr Kolin Low, Senior Manager, Singapore Accreditation Council</i>
11:30	Air Pollution Measurement & Monitoring for a Better Quality of Life: Fires and Haze <i>Dr Kai Fuu-Ming, Postdoctoral Associate, Singapore-MIT Alliance for Research and Technology</i>
11:50	Lunch & Exhibition
	Afternoon Session: Instrumentation, Calibration & Measurement Technology
13:30 – 14:00	Improving Human and Environmental Health with Measurements <i>Dr Yong Ching Tung, Atomic Absorption Manager, Inorganic Solutions, PerkinElmer</i>
14:00 – 14:30	Weighing Matters – for ensuring good analytical results <i>Mr Craig Gordon, Asia-Pacific Regional Manager, Mettler-Toledo</i>
14:30 – 15:00	Liquid Flow Measurement in National Metrology Centre <i>Dr Luo Rongmo, Scientist, National Metrology Centre(NMC)</i>
15:00 – 16:00	Afternoon Tea Break & Exhibition
16:00	End of Conference

Please note this is a draft programme and subject to further change