

Forum on International Trend of Metrology

— The International System of Units - Fundamentally Better —

May 20, 2019

RM 112, Bldg. 17, Kuangfu Campus, ITRI

Time	Topic	Speaker
09:00 ~ 09:30	Registration	
09:30 ~ 09:55	Opening Ceremony New SI Launch Ceremony	Dr. Ching-Chang Lien Director-General, BSMI/MOEA Dr. Chih-Kung Lee Chairman, Board of Directors, ITRI
Session 1 Keynote Speech		
09:55 ~ 10:20	SI Redefinition- Challenge for Next Generation Metrology	Dr. Takashi Usuda Secretary, CIPM Director General, NMIJ
10:20 ~ 10:45	Trend of Modern Metrology and Quantum Physics	Dr. Chia-Seng, Chang Researcher Fellow & Director Institute of Physics, Academia Sinica
10:45 ~ 11:00	Break	
Session 2 Summit Forum		
11:0 ~ 12:00	Response and Challenge for Academia, Industries and Government to the Innovative Application of New Metrology Development	<u>Moderator:</u> Dr. Tzeng-Yow Lin General Director, CMS/ITRI <u>Panelists:</u> 1. Dr. Ching-Chang Lien Director-General, BSMI/MOEA 2. Dr. Takashi Usuda Secretary, CIPM, Director General NMIJ 3. Dr. Chia-Seng, Chang Researcher Fellow & Director Institute of Physics, Academia Sinica 4. David Chuang President, Precision Machinery Research & Development Center 5. S. H. Liao VP, AUO CORP.

		6. T. F. Lin President, SAN LIEN TECHNOLOGY CORP 7. Dr. I-Shih Tseng General Manager, Chroma ATE Inc.
12:00 ~ 13:00	Lunch	
Session 3 Tour to New SI Laboratory		
13:00 ~ 15:00	a. Mass (Si sphere/XRCD) b. Temperature (acoustic/microwave resonant chamber) c. Electric (Josephson voltage standard and the quantum Hall resistance standard) d. Mole (XRCD/Si)	<u>Moderator:</u> Dr. Tzeng-Yow Lin General Director, CMS/ITRI

For more information please contact:

The 4th Division, BSMI (email: metrology@bsmi.gov.tw)

Contact Details:

1. Bureau of Standards, Metrology and Inspection (BSMI)

Address: No.4, Sec. 1, Jinan Rd., Zhongzheng Dist., Taipei City, Taiwan

2. National Measurement Laboratory (NML), Industrial Technology Research Institute (ITRI)

Address: No.321, Sec. 2, Guangfu Rd., East Dist., Hsinchu City, Taiwan