

Thailand-Japan Metrology Seminar on Successful Building of an ASEAN Metrology Hub

Organised by NIMT in cooperation with JETRO and JICA
with contribution from NMIJ, BOI and MOST

Date: 1 March 2017

**Venue: Room 226, Central Office Building, Technopolis, Ministry of Science and Technology,
Klong-5, Klong-Luang, Pathum thani, Thailand**

Rationale:

NIMT is an outcome of long term technical cooperation between NMIJ (National Metrology Institute of Japan) and NIMT (National Institute of Metrology (Thailand)) under the support of JICA (Japan International Cooperation Agency). The cooperation is undisputedly a successful one.

- NIMT's technical capabilities has continuously been improved and enlarged. NIMT's calibration and measurement capabilities cover all major quantities and ranges needed by industries in Thailand.
- Since 2003, NIMT has been providing internationally recognised calibration services according to the international mutual recognition arrangement CIPM-MRA in all major quantities.
- NIMT has been providing training to neighbouring countries and other developing economies with developing metrology system including ASEAN countries.
- NIMT has become a benchmark for developing and emerging national metrology institute's development.

However, these technical capabilities are not yet fully utilised for the benefits of Japanese firms based in Thailand and ASEAN.

Tentative programme: Simultaneous translation between Japanese and Thai will be provided

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| 09:00 - 09:30 | Opening ceremony by Minister of Science and Technology and Ambassador of Japan to Thailand |
| 09:30 - 09:50 | Speech and presentation on the technical cooperation from NMIJ's point of view: Dr. Yukinobu Miki, Director General, National Metrology Institute of Japan (NMIJ), National Institute of Advanced Industrial Science and Technology (AIST) |
| 09:50 - 10:10 | Speech and presentation on achievements of the cooperation and NIMT's current status in term of technical capabilities: Mrs. Ajchara Charoensook, Deputy Director, National Institute of Metrology (Thailand), NIMT |
| 10:10 - 10:30 | Presentation on NMIJ and NIMT's contribution to metrology development in Asia Pacific region: Dr. Yasuhiro Nakamura, Director, Research Institute for Physical Measurement, NMIJ/AIST, on behalf of the Chairperson of Asia-Pacific Metrology Programme (APMP) |
| 10:30 - 10:50 | Presentation on future collaboration between NIMT and NMIJ in the field of chemical metrology: Dr. Toshiyuki Fujimoto, Director of Research Institute for Material and Chemical Measurement, NMIJ/AIST |
| 10:50 - 11:20 | Refreshment break |
| 11:20 - 11:40 | Presentation on BOI and investment for higher efficiency: Dr. Bonggot Anuroj, Senior Executive Investment Advisor, Thailand Board of Investment |
| 11:40 - 12:00 | Presentation on concrete global actions and mindset for better measurement management: Mr. Michiari Take, Senior Managing Coordinator, Toyota Motor Asia Pacific Engineering & Manufacturing Co. Ltd. |
| 12:00 - 12:20 | Presentation on research collaboration is key to innovation: Mr. Navee Angsutiphant, SCG Group |
| 12:20 - 12:40 | Presentation on Thailand's Quality Infrastructure Roadmap: from metrology to NQI: Mr. Prayoon Shiowattana, Director, NIMT |
| 12:40 - 13:00 | Demonstration of NIMT's inventions and innovations |
| 13:00 - 14:30 | Networking lunch |
| 14:00 - 15:00 | Clinic technology by NIMT metrologists <ul style="list-style-type: none"> - Physical measurements including mechanical, dimensional, electrical measurements, thermometry, photometry & radiometry, and acoustic & vibration - Chemical measurements and biometry including organic analysis, inorganic analysis, gas, physical chemistry and DNA characterisation Possible collaboration |
| 15:00 - 16:30 | Laboratory visit (prearranged subject to request): <ul style="list-style-type: none"> - Mechanical Metrology Department - Electrical Metrology Department - Dimensional Metrology Department - Thermometry Department - Photometry & Radiometry Department - Chemical Metrology and Biometry Department |
| 16:30 - 17:00 | Refreshment break and end of the programme |