

The e-ASIA JOINT RESEARCH PROGRAM
WORKSHOP on
“Green and Bio Nanotechnology for Innovative Materials System”
January 30th, 2016
@MIRAikan (National Museum of Emerging Science and Innovation)
in Tokyo Bay Area
(TENTATIVE)

updated 13th Jan 2016

TIME	Saturday 30 th January 2016
08:30 – 09:00	REGISTRATION @ Miraikan
09:00 – 09:10	Opening Remarks <i>Mr. Sotaro Ito, Deputy Executive Director, JST</i>
09:10 – 09:20	Introduction of the e-Asia Joint Research Program: <i>Ms. Eriko Kishida, Program Secretariat, e-ASIA JRP</i>
09:20 – 09:30	Photo Session
Bio Nanotechnology Session	Chair: Prof. Nobuhiro Nishiyama (Tokyo Tech) & Dr. Mitsuhiro Ebara (NIMS)
09:30 – 10:00	Keynote Lecture 1 “Development of Nanotechnology in Thailand and the Role of the National Nanotechnology Center (NANOTEC)” <i>Prof. Sirirung Songsivilai, Executive Director, National Nanotechnology Center (NANOTEC), NSTDA, Thailand</i>
10:00 – 10:30	Speaker 1 “Development of Supramolecular Nanomedicines for Cancer Diagnosis and Therapy” <i>Prof. Nobuhiro Nishiyama, Chemical Resources Laboratory, Tokyo Institute of Technology, Japan</i>
10:30 – 10:50	Speaker 2 “Bionanomaterials for Diagnostics, Imaging and Drug Delivery” <i>Dr. Uracha Ruktanonchai, National Nanotechnology Center (NANOTEC), NSTDA, Thailand</i>
10:50 – 11:00	COFFEE BREAK
11:00 – 11:20	Speaker 3 “Nanobiosensors for Diagnostics: Detection of the Foodborne Pathogen <i>Escherichia coli</i> O157:H7 and the Dengue Virus in <i>Aedes aegypti</i> ” <i>Prof. Lilia Mamerga Fernando, National Institute of Molecular Biology and Biotechnology (BIOTECH), University of the Philippines Baños, Philippines</i>
11:20 – 11:40	Speaker 4 “Smart Thermo/Chemo-therapeutic Nanofiber Mesh for a Combined Attack on Tumors” <i>Dr. Mitsuhiro Ebara, National Institute for Materials Science (NIMS), Japan</i>
11:40 – 12:00	Speaker 5 “Biopolymer Nanoparticles as DDS: A Case Study of Chitosan Nanoparticles” <i>Prof. Etik Mardiyati, Center for Pharmaceutical and Medical Technology, Agency for the Assessment and Application of Technology (BPPT), Indonesia</i>

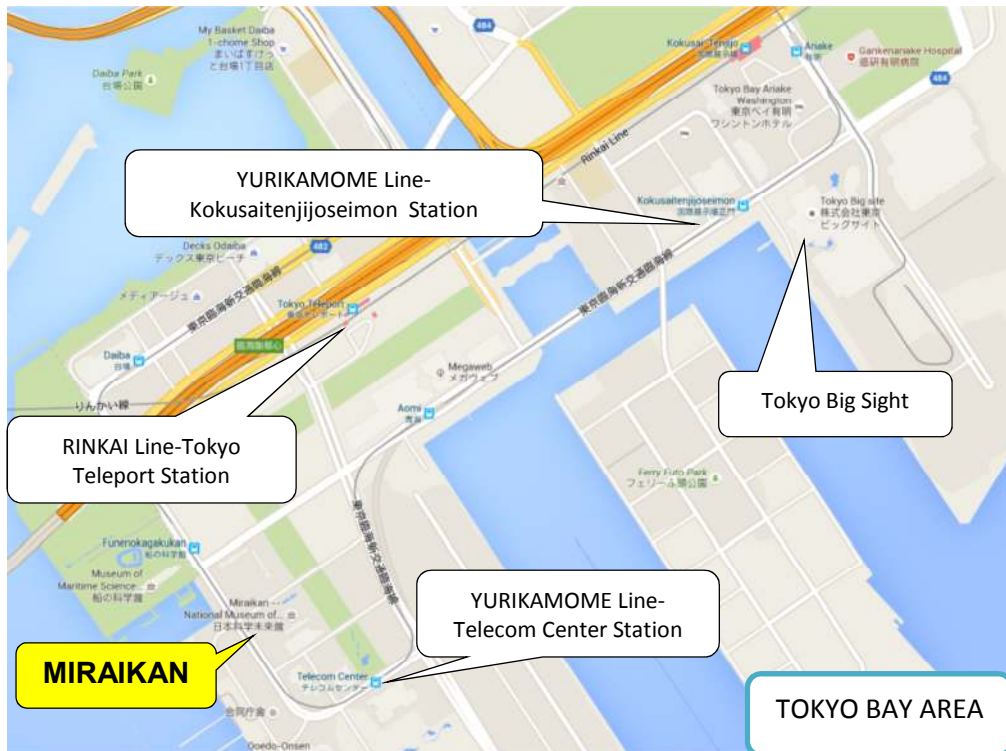
12:00 – 12:20	<p>Speaker 6 “Surface Modification of Dendrimers as Novel Nanomaterials for Biomedical Applications” <i>Dr. Nguyễn Cửu Khoa, Director, Institute of Applied Materials Science (IAMS), VAST, Vietnam</i></p>
12:20 – 12:35	<p>Speaker 7 “Current Situation of Nanotechnology Research in Sri Lanka” <i>Prof. Gehan Amaratunga, Chief of Research & Innovation, the Sri Lanka Institute of Nanotechnology (SLINTEC), Sri Lanka</i></p>
12:35 – 12:55	<p>Discussion Session (Bio Nanotechnology) Possible cooperation in the e-ASIA JRP</p>
12:55 – 13:45	LUNCH
13:45 – 14:05	<p>Keynote Lecture 2 “Lesson from the e-ASIA project : Plasmonic Bio-Sensor for Detecting Serious Diseases in Southeast Asia “ <i>Dr. Kazushi Miki, e-ASIA JRP, JST, Japan</i></p>
Green Nanotechnology Session	<p>Main Chair: Prof. Hideomi Koinuma (SATREPS, JST) <i>w/ Chairs: Prof. Yoshikazu Suzuki, Dr. Yoshikazu Shinohara, Dr. Takao Mori</i></p>
14:05 – 14:20	<p>“Combinatorial Nano Technology of Solid-State and Soft Materials” <i>Prof. Hideomi Koinuma, SATREPS, JST, Japan</i></p>
14:20 – 14:50	<p>Speaker 8 “Green Materials: from Water Purification Filters to Self-Organized Formation of Novel Spherical Porous Granules” <i>Prof. Yoshikazu Suzuki, University of Tsukuba, Japan</i></p>
14:50 – 15:10	<p>Speaker 9 “TiO₂-based Photocatalyst for Microbial Disinfection and Environmental Remediation” <i>Dr. Sitthisuntorn Supothina, National Metal and Materials Technology Center (MTEC), NSTDA, Thailand</i></p>
15:10– 15:20	COFFEE BREAK
15:20 – 15:40	<p>Speaker 10 “The Development of Metal Oxide Nanostructure for Gas Sensor Applications” <i>Prof. Brian Yulianto, Research Center for Nanoscience and Nanotechnology, Institut Teknologi Bandung, Indonesia</i></p>
15:40 – 16:00	<p>Speaker 11 "Topics of BiTe nanowire arrays from SICORP and renewable woodceramics from SATREPS" <i>Dr. Yoshikazu Shinohara, National Institute for Materials Science (NIMS), Japan</i></p>
16:00 – 16:20	<p>Speaker 12 “Photocatalysts Based on Functional Metal Oxides for Organic Pollutants Degradation” <i>Dr. Tran Dinh Phon, University of Science and Technology of Hanoi, Vietnam</i></p>
16:20 – 16:40	<p>Speaker 14 “The Study of Complex Perovskite Solar Cell” <i>Prof. Sukum Eitssayeam, Chiang Mai University, Thailand</i></p>
16:40– 16:50	COFFEE BREAK

16:50 – 17:10	<p>Speaker 15 “Utilizing Nanotechnology and Novel Materials (Borides, Silicides, Sulfides, Oxides, Nitrides) for Advanced Thermoelectric and Thermal Management Technology Development” <i>Dr. Takao Mori, National Institute for Materials Science (NIMS), Japan</i></p>
17:10 – 17:30	<p>Speaker 16 “Prospects and Possibilities for Green Nanotechnology: Utilizing Available Natural Raw Materials and Industrial Wastes for Novel and Tangible Applications” <i>Prof. Chelo S. Pascua, University of the Philippines Baguio, Philippines</i></p>
17:30 – 17:50	<p>Speaker 17 “Comprehensively R&D of Nanomaterials for Energy: Organic Thermoelectrics, ZnO-based LEDs and Carbon-based Supercapacitor” <i>Dr. Paisan Khanchaitit, National Nanotechnology Center (NANOTEC), NSTDA, Thailand</i></p>
17:50 – 18:20	<p>Discussion Session (Green Nanotechnology) Possible cooperation in the e-ASIA JRP</p>
18:20 – 18:30	<p>Closing Remarks <i>Mr. Kouji Kojima, Director, Department of International Affairs, JST</i></p>

I. VENUE: MIRAIKAN (National Museum of Emerging Science and Innovation)

The Workshop will be held at Conference Room 2 on the 7th Floor of MIRAIKAN in Tokyo, Japan.

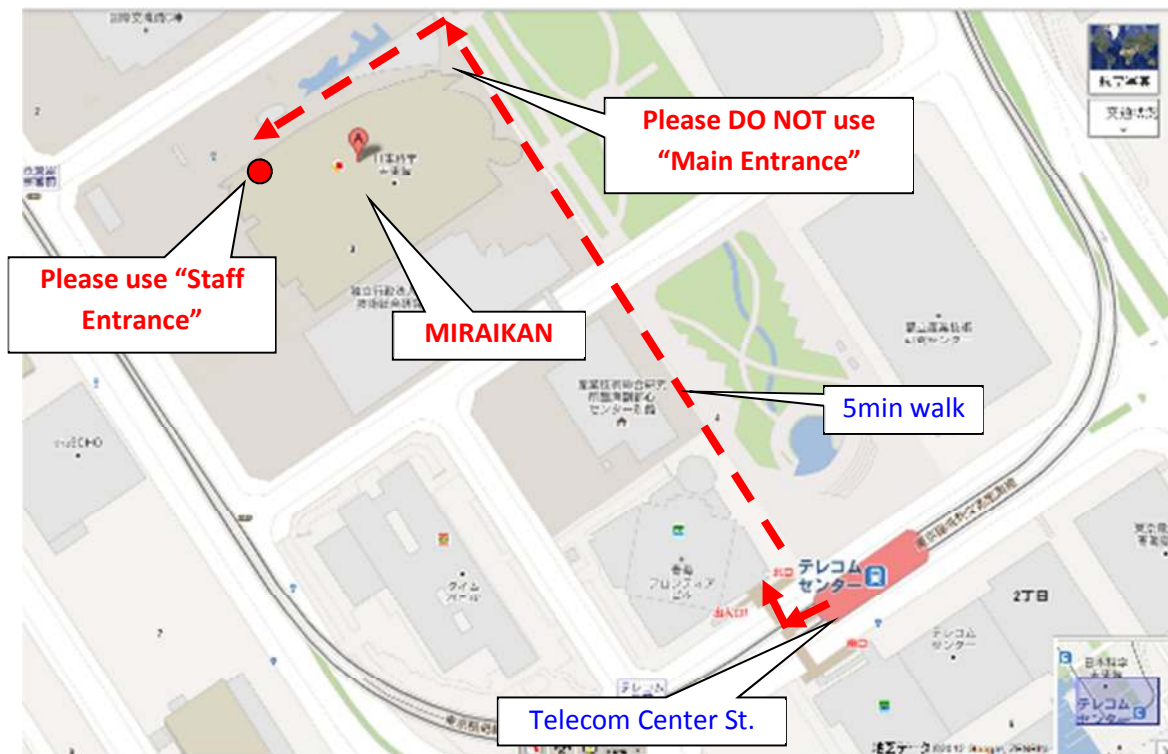
<http://www.miraikan.jst.go.jp/en/>



- Tokyo Waterfront New Transit YURIKAMOME: 4 minute walk from "Telecom Center station"
- Tokyo Waterfront Area Rapid Transit RINKAI LINE: 15 minute walk from "Tokyo Teleport station"

II. REGISTRATION

Workshop is from 8:30 to 9:00 at Miraikan 7th floor.



III. FLOOR MAP OF MIRAIKAN

Please enter from the "staff entrance" and go up to 7th floor by elevator.

