INTERNATIONAL KEYNOTE SPEAKERS

Prof Dr Hiroki Ago  
Kyushu University  
Japan  
Synthesis and Processing of Graphene and Related 2D Materials for Electronic Applications

Dr Shu Nakaharai  
National Institute for Materials Science  
Japan  
Transition Metal Dichalcogenide Semiconductors for Low-Power Nanoelectronics

Prof Dr Goki Eda  
National University of Singapore  
Singapore  
Van der Waals Crystals for Novel Optoelectronic Devices

Prof Dr Manoharan Muruganathan  
Japan Advanced Institute of Science and Technology  
Japan  
High Functional Graphene Nano-Electromechanical Devices for Single Molecule Detection
LOCAL INVITED SPEAKERS

Tay Khoon Yang
Hi-Tech Instruments Sdn Bhd
Atomic Scale Correlative Surface To Bulk Characterisation

Prof. Dr Sulaiman Wadi Harun
Universiti Malaya
2D Materials for Laser Applications

Dr Hong Liu
University of Southampton Malaysia
Finite Element Modeling of Gold-coated Carbon Nanotubes Composite for MEMS Switches Application

Prof Dr C.H. Raymond Ooi
Universiti Malaya
Laser Control of 2D Photonic Structures

Assoc. Prof. Dr Mohd Asyadi Azam Mohd Abid
Universiti Teknikal Malaysia Melaka
Carbon Nanomaterials Derived from Highway Asphalt Waste as Electrode for Lithium Ion Supercapacitor

Assoc Prof Dr Akrajas Ali Umar
Universiti Kebangsaan Malaysia
Aqueous Phase Synthesis of Large-Scale Free-Standing Graphene
LOCAL INVITED SPEAKERS

Assoc Prof Dr Mohd Arif Agam
Universiti Tun Hussein Onn Malaysia
Evolution of Irradiated Polystyrene Structural Transformation for Possible Graphene based Device Fabrication

Dr Norhayati Ahmad
Universiti Teknologi Malaysia
Graphene Electrode for Plasma Generation

Dr Rezal Khairi Ahmad
NanoMalaysia Berhad
Graphene Applications Technology for National Graphene Action Plan 2020

Prof Dr Sharifah Bee Abd Hamid
Universiti Malaya
Two Dimensional Materials: Advances and Applications

Dr Tetsuo Oikawa
JEOL Asia Pte Ltd
Advanced Aberration-Corrected Analytical TEM/STEM from JEOL

Prof Dr Leong Chee Onn
International Medical University
Delivery of siRNA-based Therapeutics using Functionalized Single-Walled Carbon Nanotubes
LOCAL INVITED SPEAKERS

Dr Lee Hing Wah
MIMOS Berhad
Graphene-based Flexible Pressure Sensor

Simon Fong
Crest Nanosolutions (M) Sdn Bhd
Graphene-philic surfactants for nanocomposites in latex technology

Dr Mohd Ambri Mohamed
Universiti Kebangsaan Malaysia
Device Operation of Carbon Nanotube Field-Effect Transistor Fabricated by Direct Growth Method

Assoc Prof Chai Siang Piao
Monash University
Development of 1D and 2D based Photocatalytic Materials for Artificial Photosynthesis

Prof. Dr Mohamad Rusop Mahmood
Universiti Teknologi MARA
Properties of Graphene Synthesized on Polycrystalline Nickel Substrate using Palm Oil Precursor

Assoc Prof Dr Muhammad Ramlee Kamaruddin
Universiti Teknologi Malaysia
Graphene Antenna for 5G Applications

Assoc Prof Dr Azmi Mohamed
Universiti Pendidikan Sultan Idris
Graphene-philic surfactants for nanocomposites in latex technology
8:00 a.m - 9:30 a.m : Registration

9:30 a.m - 9:40 a.m : Welcoming remarks by chairman
Assoc Prof Ir Dr Abdul Manaf Hashim, MJIIT-UTM

9:40 a.m - 10:00 a.m : Opening remarks
Dr Abdul Kadir Masrom, undersecretary, NND, MOSTI

10:00 a.m - 10:45 a.m : Keynote 1
Prof Dr Hiroki Ago, Kyushu University, Japan

10:45 a.m - 11:10 a.m : Invited 1
Tay Khoon Yang, Hi-Tech Instruments Sdn Bhd

11:10 a.m - 11:30 a.m : Photo / Break (Refreshment is provided)

11:30 a.m - 11:55 a.m : Invited 2
Prof Dr Sulaiman Wadi Harun, Universiti Malaya

11:55 a.m - 12:20 p.m : Invited 3
Dr Hong Liu, University of Southampton Malaysia

12:20 p.m - 13:00 p.m : POSTER PRESENTATION & BOOTH EXHIBITION

13:00 p.m - 14:10 p.m : LUNCH (Food is provided)

14:10 p.m - 14:55 p.m : Keynote 2
Dr Shu Nakaharai, NIMS, Japan

14:55 p.m - 15:20 p.m : Invited 4
Prof Dr C.H. Raymond Ooi, Universiti Malaya

15:20 p.m - 15:45 p.m : Invited 5
Assoc Prof Dr Mohd Asyadi Azam, Univ Teknikal Malaysia Melaka

15:45 p.m - 16:10 p.m : Invited 6
Assoc Prof Dr Akrajas Ali Umar, Universiti Kebangsaan Malaysia

16:10 p.m - 16:35 p.m : Invited 7
Assoc Prof Dr Mohd Arif Agam, Univ Tun Hussein Onn Malaysia

16:35 p.m - 17:00 p.m : Invited 8
Dr Norhayati Ahmad, Universiti Teknologi Malaysia

: END OF DAY 1
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<tr>
<th>Time</th>
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<tr>
<td>8:00 a.m - 9:30 a.m</td>
<td>Registration</td>
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<tr>
<td>9:30 a.m - 10:15 a.m</td>
<td>Keynote 4</td>
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<td>Prof Dr Goki Eda, NUS, Singapore</td>
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<td>10:15 a.m - 10:40 a.m</td>
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<td>Dr Rezal Khairi Ahmad, NanoMalaysia Berhad</td>
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<td>10:40 a.m - 11:05 a.m</td>
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<td>Prof Dr Sharifah Bee Abd Hamid, Universiti Malaya</td>
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<td>11:05 a.m - 11:20 a.m</td>
<td>Break (Refreshment is provided)</td>
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<td>11:20 a.m - 11:45 a.m</td>
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<td>Dr Tetsuo Oikawa, JEOL Asia Pte Ltd</td>
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<td>11:45 a.m - 12:10 p.m</td>
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<td>Prof Dr Leong Chee Onn, International Medical University</td>
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<td>12:10 p.m - 12:35 p.m</td>
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<td>Dr Lee Hing Wah, MIMOS Berhad</td>
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<td>12:35 p.m - 13:00 p.m</td>
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<td>Simon Fong, Crest Nanosolutions (M) Sdn Bhd</td>
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<td>13:00 p.m - 14:10 p.m</td>
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<td>14:10 p.m - 14:55 p.m</td>
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<td>Prof Dr Manoharan Murugunathan, JAIST, Japan</td>
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<td>14:55 p.m - 15:20 p.m</td>
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<td>Prof Dr Mohamad Rusop Mahmood, Universiti Teknologi MARA</td>
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<td>15:20 p.m - 15:45 p.m</td>
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<td>Assoc Prof Dr Chai Siang Piao, Monash University</td>
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<td>15:45 p.m - 16:10 p.m</td>
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<td>Dr Mohd Ambri Mohamed, Universiti Kebangsaan Malaysia</td>
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<td>16:10 p.m - 16:35 p.m</td>
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<td>AP Dr Muhammad Ramlee Kamarudin, Univ Teknologi Malaysia</td>
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<td>16:35 p.m - 17:00 p.m</td>
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<td>Assoc Prof Dr Azmi Mohamed, Universiti Pendidikan Sultan Idris</td>
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<td>17:00 p.m - 17:10 p.m</td>
<td>CLOSING (Presentation of Best Poster Award)</td>
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