



Program Schedule (14-16 December 2016)

14 Dec 2016 (Wednesday) at Main Hall, Danau Golf Club, UKM

Time	Program
08:30 – 09:30	<i>Registration</i>
09:30 – 09:45	Welcome Remarks by the Director of IMEN - Prof. Dato' Dr. Burhanuddin Yeop Majlis
09:45 – 10:00	Remarks by the representative of JAIST delegation - Prof. Dr. Hiroshi Mizuta
10:00 – 10:10	<i>Group Photo session</i>
10:10 – 10:40	<i>Break – Morning Tea/Coffee</i>
Session 1, Chair: Dr. Rhonira Latif	
10:40 – 11:20	Keynote Speech by Prof. Dato' Dr. Burhanuddin Yeop Majlis - Dielectrophoresis for Label-Free Electroseparation and Electrofusion
11:20 – 12:10	Keynote Speech by Prof. Dr. Hiroshi Mizuta - Graphene Nano-Electromechanical (GNEM) Device Technologies for Extreme Sensing and Other Advanced Applications
12:10 – 14:00	<i>Lunch Break</i>
Session 2, Chair: Dr. Muhamad Ramdzan Buyong	
14:00 – 14:50	Dr. Kim S Siow (IMEN, UKM) - Plasma Modifications of Microfluidic Materials to Enhance Biocompatibility and Anti-Bacterial Properties
14:50 – 15:40	Prof. Dr. Yuzuru Takamura (JAIST, JAPAN) - Massive parallel handling of bio-molecules using microfluidic techniques
15:40 – 16:40	<i>Poster Session 1</i>
19:30 – 21:00	<i>Official Dinner at Umai Cafe, Ayer 8, Putrajaya</i>

15 December 2016 (Thursday) at Main Hall, Danau Golf Club, UKM

Session 3, Chair: Dr. Ahmad Rifqi Md. Zain	
09:30-10:20	Prof. Dr. Muhammad Mat Salleh (IMEN, UKM) - Development Surface-Enhanced Raman Scattering (SERS) for Bio-Chemical Sensors
10:20-10:40	<i>Break – Morning Tea/Coffee</i>
10:40-11:20	Assoc. Prof. Dr. Hidekazu Tsutsui (JAIST, JAPAN) - Cellular Voltage and Crystal Visualized with Fluoresce Protein
11:20-12:00	<i>Poster Session 2</i>
12:00-14:00	<i>Lunch Break</i>
Session 4, Chair: Dr. Dilla Duryha Berhanuddin	
14:00-14:50	Assoc. Prof. Dr. Dee Chang Fu (IMEN, UKM) - Silicon and Metal Oxide Based Nanowires: Synthesis, Characterization and Application
14:50-15:40	Assoc. Prof. Dr. Yuichi Hiratsuka (JAIST, JAPAN) - Self-organized Contractile Fibers of Microtubule and kinesins
15:40-16:15	<i>Closing Session</i>
16:15-17:15	Visit to IMEN Laboratories

16 December 2016 (Friday) at Kuala Lumpur, Malaysia

08:30-09:30	<i>Departure to Kuala Lumpur</i>
09:30-11:00	Visit to National Museum Malaysia
11:00-14:00	Visit to KLCC (Lunch and Friday Prayer for Muslim)
14:30-16:00	Visit to Kuala Lumpur Craft Complex

Poster session by 16 presenters (14 & 15 Dec 2016)

1.	Ummi Kalsom Noor Din (IMEN, UKM, Malaysia) Composition Dependence of Photoluminescence Properties of Poly(9,9-di-n-hexylfluorenyl-2,7-diyl) with Perovskite-structured SrTiO ₃ Nanocomposites
2.	Wan Ammar Fikri (IMEN, UKM, Malaysia) Integrated microfluidic systems using MEMS
3.	Muzalifah Mohd Said (IMEN, UKM, Malaysia) Microfabrication of EM Micropump with Magnetic Polymer Composite Actuator Membrane
4.	Nur Adliha Abdullah (IMEN, UKM, Malaysia) Synthesis of Silver- Platinum Nanoferns Substrates for Surface- enhanced Raman Spectroscopy Sensor to Detect Creatinine
5.	Reena Sri Selvarajan (IMEN, UKM, Malaysia) Fabrication of Graphene based Field Effect Transistor (FET) for selective reabsorption process in artificial kidney
6.	Mohd Amir Zulkefli (IMEN, UKM, Malaysia) Aspect ratio studies of suspended nanocrystalline graphene beam for low operation voltage NEMS sensor application
7.	Muhammad Abuzar Baqir (IMEN, UKM, Malaysia) Graphene-Based Waveguides for Slow-Light and Mode Filtering
8.	Muhammad Abuzar Baqir (IMEN, UKM, Malaysia) Vertical Gold Nanorods-Based Narrow-Band Metamaterial Absorbers
9.	Hafzaliza Erny Zainal Abidin (IMEN, UKM, Malaysia) Graphene based micro supercapacitor for biomedical devices applications
10.	Farah Fatin Zulkifli & Nor Afidatul Asni Semsudin (IMEN, UKM, Malaysia) Ultra Low Power Hybrid Micro Energy Harvester using RF, Thermal and Vibration for Biomedical Devices
11.	Chen Tiam Foo (IMEN, UKM, Malaysia) Plasma Surface Modification of Polyurethane Methacrylate (Puma) and Off-Stoichiometry Thiol-Ene (Oste) Polymers
12.	M. Nuri (IMEN, UKM, Malaysia) Energyless purification of air using the emission of organic anion oxygen-based nano-capsules
13.	M. Nuri (IMEN, UKM, Malaysia) Low-cost intelligent ion engine-based robo-air purifier
14.	Kalaivani A.Tarumaraja (IMEN, UKM, Malaysia) FDTD Numerical Analysis of SPR Sensing using Graphene-Based Photonic Crystal
15.	Norhayati Abu Bakar (IMEN, UKM, Malaysia) Design and measurement technique of a surface-enhanced Raman scattering for detection of bisphenol A
16.	Nabihah Sihar (IMEN, UKM, Malaysia) Alignment of Reduced Graphene Oxide on Interdigitated Electrode by Dielectrophoresis Method for the Application of Hydrogen Gas Sensor