

SAMN2017 SYMPOSIUM SCHEDULE
DAY 1: JULY 18, 2017 (TUESDAY)

0800-0900	Conference Registration at Matahari 1 Room Welcoming Coffee
0900-0910	Welcoming address by SAMN2017 Chair, Assoc. prof. Dr. Suhaidi Shafie
0910-0920	Opening Ceremony by Prof. Dr. Nor Azah Yusof, Director of Institute of Advanced Technology, UPM
PLENARY SESSION	
0920-1020	Speaker: Prof. Dr. Mohamad Deraman Title: Carbon Based Electrodes from Biomass Precursors in Energy-Storage-Devices/Supercapacitor: An Overview in ASEAN Member Countries Venue: Matahari 1 Chair: Dr. Mohd. Nazim Mohtar
1020-1030	BREAK AND NETWORKING at THE GLASSHOUSE

SESSION 1

SESSION	SESSION 1A (Matahari 1) <i>Chair : Dr. Yap Wing Fen</i>	SESSION 1B (Matahari 2) <i>Chair : Dr. Mohd. Amrallah Mustafa</i>
<i>SCOPE</i>	<i>Nanomaterials I</i>	<i>Sensor and Actuators</i>
1030-1045	Invited Paper 1 Carbon Nanofibers Catalyzed by Iron Oxide Extracted from Mill Scale Waste for Microwave Absorbing Materials -Ismayadi Ismail	Invited Paper 28 Microstrip Microwave Components as Metal Ion Sensor -Nurul Huda Osman
1045-1100	Invited Paper 2 Electrochemical Properties of Carbon Nanofiber Membranes Enriched with Metals Oxides and Reduced Graphene Oxide -Janet Lim Hong Ngee	Invited Paper 29 Deposition and Optical properties of RF-sputtered ZnO Thin Films for Optical Hydrogen Gas Sensor -Suriati Paiman
1100-1115	Invited Paper 3 Graphene - Single-walled Carbon Nanotubes Hybrid for Dye Sensitized Working Electrodes -Muhammad Mshyiddin Ramli	Paper30 Voltammetric Sensor for Indirect Early Detection of <i>Ganoderma Boninense</i> in Oil Palms (<i>Elaeis guineensis</i> Jacq.) -Sulayman Fowotade

END OF SESSION 1

KEYNOTE SPEAKER

Venue: Matahari 1

Chair: Assoc. Prof. Dr. Mohd. Nizar Hamidon

1125-1200

Keynote Speaker 1: Prof. Dr. Mehmet Ertugrul

Title: Graphene/CNT-Metal Composites and Energy Efficient Ultraconductive-Covetic Materials

1200-1235

Keynote Speaker 2: Prof. Dr. Chii-Wan Lin

Title: Pervasive Biosensing with Advanced Surface Plasmon Resonance Technologies

1235-1245

Photo Session

1245-1430

LUNCH BREAK at FUNTASIA (LEVEL 1)

SESSION 2

SESSION	SESSION 2A (Matahari 1) Chair : Dr. Suriati Paiman	SESSION 2B (Matahari 2) Chair : Dr. Shahrul Ainiah Alang Ahmad
SCOPE	Nanomaterials II	Nano Energy / Bio Sensors and Bio Electronics
1430-1445	Paper 4 Thermal behavior of Al Substituted $\text{LiTi}_2(\text{PO}_4)_3$ NASICON Compounds -Tasiu Zangina	Paper 31 ZnSe/graphene Nanocomposites: Synthesis by a Green Method and using as Photocatalytic and Photovoltaic Materials -Ramin Yousefi
1445-1500	Paper 5 Oil Palm-Waste-based Precursors as a Sustainable, Economical and Renewable Carbon Sources for Preparation of Graphene Oxide -Salisu Nasir	Paper 32 Preparation of Poly(3,4-ethylenedioxythiophene)-Graphene Oxide/Titanium Dioxide (PEDOT-GO/TiO ₂) Counter Electrode for Dye Sensitized Solar Cell - Muhammad Norhaffis Mustafa
1500-1515	Paper 6 ZnO-NPs/rGO/SPCE Based on Electrochemical Technique for Early Detection OF <i>Ganoderma Boninense</i> -Nurhamizah Rahmat	Paper 33 Enhancement of Power Conversion in Dye-Sensitized Solar Cells by Applying Double Layer Structure ZnO/Graphene Embedded TiO ₂ -Hussein AlSultan
1515-1530	Paper 7	Paper 34

	Zinc Oxide Based Passively Q-switched Erbium Doped Fiber Laser using Simple Deposition Technique -Syarifah Aloyah Syed Husin	Boosting of Power Conversion Efficiency Through Enhancement of Charge Transfer Process in Dye-Sensitized Solar Cell -Buda Samaila
1530-1600	BREAK AND NETWORKING at THE GLASSHOUSE	
1600-1615	Paper 8 Factors Controlling Transparency to The Efficiency of Photovoltaic Ration by Suitable Dye Selection Using Dye-Sensitized Solar Cells -Alaa Husain	Paper 35 Investigation of TiO ₂ /Graphene Nanocomposite based Photoanode in Dye Sensitized Solar Cell - Suhaidi Shafie
1615-1630	Paper 9 Synthesis of Nanocrystalline PbS Thin Films using Microwave-Assisted Chemical Bath Deposition -Mohammed Husham	Paper 36 Electron Beam-induced Surface Modification of PEG Silane Monolayer for Dengue Detection -Nor Rosly
1630-1645	Paper 10 Synthesis of Zinc Oxide on Carbon Nanotube Cotton -Juraina Md. Yusof	Paper 37 An Optical Biosensor based on Enzymes Conjugated Quantum Dots in Sol-gel for Uric Acid Detection -Jaafar Abdullah
1645-1700	Paper 11 Evaluation of Hysteresis Loop and Dielectric Constant of Ceramic Obtained from White Rice Husk Ash -Rosiah Osman	Paper 38 Detection of Vibrio parahaemolyticus in Cockles by use of Electrochemical DNA Biosensor with PLA-AuNPs-Modified SPCE -Noordiana Nordin

END OF SESSION 2

OPENING CERIMONY AND CONFERENCE DINNER at Funtasia (Level 1)

1930-1945	Arrival of guests/participants
2000-2015	Welcoming speech
2015-2230	Dinner

DAY 2: JULY 19, 2017 (WEDNESDAY)

SESSION 3		
SESSION	SESSION 3A (Matahari 1) Chair : Dr. Norhafiz Azis	SESSION 3B (Matahari 2) Chair : Dr. Janet Lim Hong Ngee
SCOPE	Nanomaterials III	Synthesis & Characterization of Functional
0900-0915	<p>Paper 12 Inhibition of <i>Ganoderma boninense</i> using Chitosan Nanoparticles Simultaneously Loaded with Hexaconazole and Dazomet Fungicides -Farhatun Maluin</p>	<p>Invited Paper 39 Establishment of exchange-coupling in nanocomposite hard/soft ferrite as a new generation of Rare-Earth free permanent magnet -Norlaily Mohd Saiden</p>
0915-0930	<p>Paper 13 Effect of Yttria Stabilized Zirconia Addition in Natural Hydroxyapatite Composites for Dental Restoration - Nurulsaidah Abdul Rahim</p>	<p>Invited Paper 40 Optical Characterization of Ionophore Doped Graphene Based Bionanocomposite Thin Film and Its Potential Sensing Application -Yap Wing Fen</p>
0930-0945	<p>Paper 14 The Effect of Specific Surface Area on the Mechanical and Microstructural Properties of Hydroxyapatite/Montmorillonite Nanocomposite -Rosnah Nawang</p>	<p>Paper 41 Synthesis and Characterization of Reduced Graphene Oxide-Carbon Nanotubes-Quicklime Nanocomposites for Screen Printed Electrode Modification -Ruzanna Ibrahim</p>
0945-1000	<p>Paper 15 Preparation and Characterization of Iron Oxide Magnetic Nanoparticles Coated with 5-fluorouracil for Drug Delivery Application -Mona Ebadi</p>	<p>Paper 42 Study on Crosslinked Chitosan Coated Bentonite for Cu (II) Ion Removal -Adilah Idris</p>
1000-1030	BREAK AND NETWORKING at THE GLASSHOUSE	
1030-1045	<p>Paper 16 Palm Kernel Shell Activated Carbon as Inorganic Framework Materials for Phase Change Material in Thermal Energy Storage Application -Ahmad Fariz Nicholas</p>	<p>Paper 43 Structural and Optical Properties of Er³⁺/Yb³⁺ Co-Doped Zinc Boro- Aluminosilicate Glasses -Sharudin Omar Baki</p>

1045-1100	Paper 17 Gadolinium Doped Chlorogenic Acid Zinc/Aluminium-Layered Double Hydroxide Nanocomposite for Magnetic Resonance Imaging and Drug Delivery -Muhammad Usman	Paper 44 Microwave Absorber of Double Layer U-Type Hexaferrite/Graphite Nanocomposite -Ismayadi Ismail
1100-1115	Paper 18 Photoluminescent Carbon Dots Derived from Biochar via a Facile Subcritical Hydrothermal Method -Norhanisah Jamaludin	Paper 45 Characterisations of Graphene Electrode for Photovoltaic Application -Ali Abdgalil
1115-1130	Paper 19 Synthesis of Dazomet–Zinc/Aluminium-Layered Double Hydroxide Nanocomposite Fungicide Nanodelivery System for Controlling Ganoderma Disease in Oil Palm -Isshadiba Mustafa	Paper 46 Mixed Valent and Multiple Doping in Pb-Based Coordination Polymer -Hamisu Mohammed Aliyu

END OF SESSION 3

KEYNOTE SPEAKER

Venue: Matahari 1

Chair: Dr. Janet Lim Hong Ngee

1130-1215

Keynote Speaker 3: Assoc Prof. Dr. Hong Heng See

Title: An Integrated Lab-on-a-Chip Device for Point-of-Care Clinical Diagnostic

1215-1300

Keynote Speaker 4: Prof. Dr. Werasak Surareungchai

Title: Nucleic Acid and Antibody Based Nano-biosensors and Diagnostics: Towards Highly Sensitive and Multiplexing Detection

1300-1430

LUNCH BREAK at FUNTASIA (LEVEL 1)

SESSION 4

SESSION	SESSION 4A (Matahari 1) Chair : Dr. Yusran Sulaiman	SESSION 4B (Matahari 2) Chair : Dr. Jaafar Abdullah
SCOPE	Nanomaterials IV / Modelling & Simulations of Nano Devices	Nano Structured Functional Devices/ Photonics & Optoelectronics Materials
1430-1445	Paper 20 Synthesis of Aragonite Calcium Carbonate Nanoparticles as Delivery Carrier for Dox-Based Anti-Cancer Therapy -Hamidu Ahmed	Invited Paper 47 Microdroplet Electrowetting Actuation on Flexible Paper-Based Platform Chip - Nurul Amziah
1445-1500	Paper 21 Investigation on the Positive and Negative Lightning Breakdown Voltages of Refined Bleached and Deodorized Palm Oil Olein under the Presence of Copper(II) Oxide Nanoparticle -Thien Yee Von	Paper 48 Photoanode Parameters Variation in Dye Sensitized Solar Cell using Response Surface Methodology (RSM) Technique -Noor Fadzilah Mohamed Sharif
1500-1515	Paper 22 4-Aminobenzoic Acid of Sunscreen Compound Interleaved Zinc Layered Hydroxide -Mazlina Musa	Paper 49 Preparation and Characterization of Nanosized Graphite Based Thick Film for Flexible Electronics -Intan Helina Hasan
1515-1530	Paper 23 A Facile Method to Prepare Free-Standing Scalable Graphene Oxide Paper -Zuhair Agab Elsiddig	Paper 50 A Simple Method to Manipulate Degussa (Evonik) P25 TiO ₂ for Different Applications -Saman Azhari
1530-1600	BREAK AND NETWORKING at THE GLASSHOUSE	
1600-1615	Paper 24 Unsteady Magnetohydrodynamics Nano Fluid in Boundary Layer Flow Pass a Sphere Under the Influence of Magnetic Field -Pingkan Palyama	Paper 51 Application of Multi-Walled Carbon Nanotubes-Bismuth (III) Telluride (MWCNTs-Bi ₂ Te ₃) Based Passive Saturable Absorber in Passively Q-switched Fiber Laser -Siti Nur Fatin Zuikafly
1615-1630	Paper 25 Plantar Pressure Repeatability Data Analysis for	Paper 52 Low Threshold and High Pulse Energy of Q-switched Erbium

	<p>Healthy Adult Based on EMED System -Ali Sabry</p>	<p>Doped Fiber Laser Residing Bismuth (III) Telluride Embedded in Polyvinyl Alcohol (Bi₂Te₃-PVA) Based Saturable Absorber -Muhammad Quisar Lokman</p>
1630-1645	<p>Paper 26 Real Time Motorcycle Image Detections and Analysis -Mohd Ali Mat Nong</p>	<p>Paper 53 All-Fiber Wavelength Switchable Thulium Doped Fiber Lasers Incorporating an Arrayed Waveguide Grating -Farah Diana Muhammad</p>
1645-1700	<p>Paper 27 Preparation and Characterization of Carbon Black/Polydimethylsiloxane Nano-Composite for Flexible Sensors -Nur Haziqah</p>	

1700-1730

CLOSING AND AWARDS CEREMONY

END OF CONFERENCE