

## Presentation Schedule – *i*-SAMN2020

**Tuesday, December 1 16:15 - 18:15 (Asia/Kuala Lumpur)**

<b>Session 1A</b> <b>Photonics and Optoelectronics</b> Room: Session A <i>Chair: Dr. Josephine Ying Chyi Liew</i>	<b>Session 1B</b> <b>Nanomaterials (I)</b> Room: Session B <i>Chair: Assoc. Prof. Dr. Siti Hajar Othman</i>	<b>Session 1C</b> <b>Nano Energy</b> Room: Session C <i>Chair: Assoc. Prof. Ts. Dr. Suhaidi Shafie</i>
16:15 Defects in III-V nitride materials and devices  <u>Emre Gur</u> (Faculty of Science, Ataturk University, Turkey)	16:15 In Silico Identification of the Mechanism of Fluorouracil Adsorption Inside MIL-101(Mg) Metal-Organic Framework  <u>Mostafa Yousefzadeh Borzehandani, Mohammad Hasan Abdul Sathar, Emilia Abd Malek, Mohd Basyaruddin Abdul Rahman and Muhammad Alif Mohammad Latif</u> (Universiti Putra Malaysia, Malaysia)	16:15 Energy, Hydrogen and Biohydrogen  <u>Harun Koku</u> (Middle East Technical University, Turkey)
16:30 Theoretical study on electronic and optical properties of Zinc Oxide for photonic applications  <u>Siti Nabilah Mohd Halim</u> (MJIIT, Universiti Teknologi Malaysia, Malaysia); <u>Mohamad Fariz Mohamad Taib</u> (Universiti Teknologi MARA, Malaysia); <u>Fauzan Ahmad</u> (MJIIT, Universiti Teknologi Malaysia, Malaysia); <u>Suhaidi Shafie</u> (UPM, Malaysia)	16:30 Formation of Intermetallic Layer with Multiwall Carbon Nanotubes Reinforcement in Sn-0.7Cu Solders on Bare Copper Surface Finish with Laser Soldering Method  <u>Azmah Hanim Mohamed Ariff</u> (Universiti Putra Malaysia, Malaysia); <u>Syafiq Aminuddin</u> (UPM, Malaysia)	16:30 Laminar Forced Convection Heat Transfer and Pressure Drop of Water Based Ferrite Nanofluids in Minichannels  <u>Eyuphan Manay</u> (Erzurum Technical University, Engineering and Architecture Faculty, Turkey); <u>Ibrahim Ates</u> and <u>Bayram Şahin</u> (Erzurum Technical University, Turkey)

<p>16:45 The photophysics of hyperfluorescence mechanism in novel TADF molecules</p> <p><u>Murat Aydemir</u> (Erzurum Technical University, Turkey)</p>	<p>16:45 Silica Nanoparticles for Delivery of Therapeutics and Imaging Agents</p> <p><u>Mohd Azmuddin Abdullah</u> (Universiti Malaysia Terengganu, Malaysia); <u>Hanaa Ali Hussein</u> (University of Basrah, Iraq)</p>	<p>16:45 Numerical Study on Entropy Generation of CoFe<sub>2</sub>O<sub>4</sub>-Water Nanofluids Turbulent Flow in Minichannels</p> <p><u>Emre Mandev</u> (Erzurum Technical University, Turkey); <u>Eyuphan Manay</u> (Erzurum Technical University, Engineering and Architecture Faculty, Turkey); <u>Bayram Şahin</u> (Erzurum Technical University, Turkey)</p>
<p>17:00 Graphene Filament-Chitin Bio-Composite Polymer based Passive Q-Switcher in EDFL with Tunable Wavelength</p> <p><u>Siti Nur Fatin Zuikafly</u> (MJIIT, Universiti Teknologi Malaysia, Malaysia); <u>Harith Bin Ahmad</u> (University of Malaya, Malaysia); <u>Suhaidi Shafie</u> (UPM, Malaysia); <u>Wan Mohd Fazli Wan Nawawi</u> (International Islamic University Malaysia, Malaysia); <u>Mohd Haniff Ibrahim</u> (Universiti Teknologi Malaysia, Malaysia); <u>Fauzan Ahmad</u> (MJIIT, Universiti Teknologi Malaysia, Malaysia)</p>	<p>17:00 Nitrogen-doped carbon quantum dots for light-harvesting enhancement of Brassica Juncea</p> <p><u>Yamuna Chowmasundaram</u> (University Putra Malaysia, Malaysia); <u>Tong Ling Tan</u> (Institute of Advanced Technology, Malaysia); <u>Suraya Abdul Rashid</u> and <u>Rosimah Nulit</u> (Universiti Putra Malaysia, Malaysia); <u>Mashitah Jusoh</u> (University Putra Malaysia, Malaysia)</p>	<p>17:00 Carbon Anode Modification With FeS<sub>2</sub>/rGO in UKM2 Chlorella Biophotovoltaic Cell Part 1: Power improvement analysis</p> <p><u>Mimi Hani Abu Bakar</u> (Universiti Kebangsaan Malaysia, Malaysia); <u>Muhammad Farhan Hil Me</u> (Fuel Cell Institute, National University of Malaysia, Malaysia); <u>Johana Johan</u> and <u>Darman Nordin</u> (Faculty of Engineering and Built Environment, National University of Malaysia, Malaysia); <u>Wan Ramli Wan Daud</u> (Universiti Kabangsaan Malaysia, Malaysia)</p>
<p>17:15 Pulsed Infrared Laser Crystallization Mechanism of Amorphous Silicon Thin-films</p> <p><u>Ceren Korkut</u> (Middle East Technical University, Turkey); <u>Kamil Cinar</u> (Maltepe University,</p>	<p>17:15 Potential of nanomaterials in the production of clay pipe as micro-irrigation application tool</p> <p><u>Abdullahi Salisu</u> and <u>Aimrun Wayayok</u> (Universiti Putra Malaysia, Malaysia); <u>Ahmad Fikri Abdullah</u></p>	<p>17:15 Carbon Anode Modification With FeS<sub>2</sub>/rGO UKM2 Chlorella Biophotovoltaic Cell Part 2: Study on biofilm acclimatization</p> <p><u>Muhammad Farhan Hil Me</u> (Fuel Cell Institute, National University of Malaysia, Malaysia);</p>

<p>Turkey); <u>Alpan Bek</u> (Middle East Technical University, Turkey)</p>	<p>(UPM, Malaysia); <u>Rowshon Kamal</u> (Universiti Putra Malaysia, Malaysia)</p>	<p><u>Johana Johan and Darman Nordin</u> (Faculty of Engineering and Built Environment, National University of Malaysia, Malaysia); <u>Mimi Hani Abu Bakar</u> (Universiti Kebangsaan Malaysia, Malaysia)</p>
<p>17:30 Surface plasmon resonance sensing of phenol based on tyrosinase immobilized graphene oxide thin film on gold surface</p> <p><u>Hazwani Suhaila Hashim</u> (Universiti Putra Malaysia, Malaysia); <u>Wing Fen Yap</u> (University Putra Malaysia, Malaysia); <u>Nur Alia Sheh Omar</u> (Institute of Advanced Technology, Universiti Putra Malaysia, Malaysia); <u>Wan Mohd Ebtisyam Mustaqim Mohd Daniyal</u> (Universiti Putra Malaysia, Malaysia); <u>Jaafar Abdullah</u> (Universiti Putra Malaysia &amp; Faculty of Science, Malaysia); <u>Mohd Adzir Mahdi</u> (Universiti Putra Malaysia, Malaysia)</p>	<p>17:30 Fabrication of Silica Nanoparticles-Based Superhydrophobic Coating from Corn Husk</p> <p><u>Ayu Dahliyanti, R. Tommy Budiawan, Fakhri Fahreza Harun and Ika Widharyanti</u> (Universitas Pertamina, Indonesia)</p>	<p>17:30 Synthesis and Preliminary Study of the Multilayer LiCo<sub>0.6</sub>Ni<sub>0.4</sub>O<sub>2</sub> as Solid Oxide Fuel Cell Cathode</p> <p><u>Wan Nor Anasuhah Wan Yusoff</u> (Universiti Kebangsaan Malaysia, Malaysia); <u>Nurul Akidah Baharuddin</u> (Fuel Cell Institute, Malaysia); <u>Mahendra Rao Somalu</u> (Fuel Cell Institute, UKM, Malaysia); <u>Andanastuti Muchtar</u> (Universiti Kebangsaan Malaysia, Malaysia)</p>
<p>17:45 Highly Sensitive Optical Method Based on Nanocrystalline Cellulose Based Thin Film for Copper Ion Detection</p> <p><u>Wan Mohd Ebtisyam Mustaqim Mohd Daniyal</u> (Universiti Putra Malaysia, Malaysia); <u>Wing Fen Yap</u> (University Putra Malaysia, Malaysia); <u>Jaafar Abdullah</u> (Universiti Putra Malaysia &amp; Faculty of Science, Malaysia); <u>Mohd. Adzir b. Mahdi</u></p>	<p>17:45 Synthesis of Silica Xerogel from Corn Husk Waste as Cationic Dyes Adsorbent</p> <p><u>Ayu Dahliyanti</u> (Universitas Pertamina, Indonesia); <u>Devi A Yunitama</u> (Indonesia); <u>Iftahul Maulina Rofiqoh</u> (Pertamina University, Indonesia)</p>	<p>17:45 Impact of Quaternization and Polymer Blending on The Properties of Sodium Alginate Membrane for DMFC Application</p> <p><u>Norazuwana Shaari</u> (Level 4, Research Building, Fuel Cell Institute, National University of Malaysia, Malaysia)</p>

(Photonics Laboratory, Department of Computer, Malaysia)		
<p>18:00 Optical Properties Of Zinc Boro-tellurite Glasses Doped Europium Ion</p> <p><u>Suleiman B. Adamu</u>, <u>Halimah Mohamed Kamari</u>, <u>Farah Diana Muhammad</u>, <u>Chan Tim</u> and <u>Amirah Latif</u> (Universiti Putra Malaysia, Malaysia)</p>		<p>18:00 Ag-NP Modified Ceramic Surface Impacts on Microbial Fuel Cell Initial Power Performance</p> <p><u>Mimi Hani Abu Bakar</u> and <u>Nur Iman Syafiqah Muhd Nasruddin</u> (Universiti Kebangsaan Malaysia, Malaysia); <u>Syukran Zainol</u> (Kolej Kemahiran Tinggi MARA, Masjid Tanah, Malaysia)</p>

**Wednesday, December 2 15:30 - 17:30 (Asia/Kuala\_Lumpur)**

<p><b>Session 2A</b>  <b>Flexible Electronics</b>                      Room: Session A  <i>Chair: Dr. Amrallah Mustafa</i></p>	<p><b>Session 2B</b>  <b>Sensors</b>                      Room: Session B  <i>Chair: Ts. Dr. Haslina Jaafar</i></p>	<p><b>Session 2C</b>  <b>Advanced Materials (I)</b>                      Room: Session C  <i>Chair: Assoc. Prof. Dr. Che Azuranim Che Abdullah</i></p>
<p>15:30 Flexible Dye Sensitized Solar Cell Using Back Illuminated Method With Titanium Foil As Photoanode Substrate</p> <p><u>Izad Syahrul Ariffin Mohd Ismail</u> (Universiti Putra Malaysia (UPM) &amp; Functional Devices Laboratory (FDL), Malaysia)</p>	<p>15:30 Biosensors for Diagnostics and Monitoring of COVID-19</p> <p><u>Mehmet Ertugrul</u> (Ataturk University, Turkey); <u>Mohd Nizar Hamidon</u> (Universiti Putra Malaysia, Malaysia); <u>Emine Parlak and Mehmet Parlak</u> (Ataturk University, Turkey)</p>	<p>15:30 Improvement on the hydrogen storage properties of NaAlH<sub>4</sub>-SrTiO<sub>3</sub> composite</p> <p><u>Nurul Hayati Idris</u> (Universiti Malaysia Terengganu, Malaysia)</p>
<p>15:45 A Water-Based Inkjet Printable Silver Conductive Ink: Synthesis, Characterization and Printability</p> <p><u>Aiman Sajidah Abd Aziz, Syed Muhammad Hafiz Syed Mohd Jaafar, Nora'zah Abdul Rashid and Siti Zuulaika Rejal</u> (MIMOS Berhad, Malaysia)</p>	<p>15:45 RGO-PAMAM composite-modified Surface Plasmon Resonance Sensor for Detection of Dengue Virus</p> <p><u>Nur Alia Sheh Omar</u> (Institute of Advanced Technology, Universiti Putra Malaysia, Malaysia); <u>Yap Fen</u> (Faculty of Science, Universiti Putra Malaysia, Malaysia); <u>Jaafar Abdullah</u> (Universiti Putra Malaysia &amp; Faculty of Science, Malaysia); <u>Yasmin Mustapha Kamil</u> (Universiti Putra Malaysia, Malaysia); <u>Mohd. Adzir b. Mahdi</u> (Photonics Laboratory, Department of Computer, Malaysia)</p>	<p>15:45 Improving hydrogen storage properties of the magnesium hydride by the addition of hafnium tetrachloride</p> <p><u>Mohammad Ismail</u> (Universiti Malaysia Terengganu, Malaysia)</p>

<p>16:00 Characterization of Hybrid Reduced Graphene Oxide - Silver Nanoparticles Conductive Ink for Flexible Electronics Applications</p> <p><u>Nora'zah Abdul Rashid</u>, <u>Nur Diyana Syazwani</u>, <u>Zambri</u>, <u>Aiman Sajidah Abd Aziz</u> and <u>Syed Muhammad Hafiz Syed Mohd Jaafar</u> (MIMOS Berhad, Malaysia)</p>	<p>16:00 Development of thick film ammonia gas sensor using rice husk ash nanoparticle</p> <p><u>Zainab Yunusa</u> and <u>Jamila Lamido Sumaila</u> (Bayero University Kano, Nigeria)</p>	<p>16:00 Evaluation of Relationship of Hardness and Larson Miller Parameter on Various Types of Heat Resistant Steels for Prediction of Creep Rupture Time Application</p> <p><u>Moch. Syaiful Anwar</u> (Research Center for Metallurgy and Materials, Indonesia); <u>Efendi Mabruki</u> (Research Center for Metallurgy and Materials, Indonesian Institute of Sciences, Indonesia); <u>Myrna Aryati</u> (University of Indonesia, Indonesia); <u>Eddy Siradj</u> (Universitas Indonesia, Indonesia)</p>
<p>16:15 Graphene-based Polyelectrolytes Coating Assembly: Study on Morphological, Optical and Mechanical Properties</p> <p><u>Syed Muhammad Hafiz Syed Mohd Jaafar</u>, <u>Norhaizam Mustaffa</u>, <u>Nora'zah Abdul Rashid</u> and <u>Aiman Sajidah Abd Aziz</u> (MIMOS Berhad, Malaysia)</p>	<p>16:15 TiO<sub>2</sub> Thick Film Gas Sensor Fabricated By Screen Printing Method For Using Aircrafts</p> <p><u>Mehmet Masat</u> (ATATURK University, Turkey); <u>Hilal Kubra Saglam</u> (Atatürk University, Turkey); <u>Hakan Korul</u> (Eskisehir Technical University, Turkey); <u>Mehmet Ertugrul</u> (Ataturk University, Turkey)</p>	<p>16:15 Structural and Optical Properties of Silica Borotellurite Glass System Co-Doped with Samarium Oxide and Silver Oxide</p> <p><u>Asyikin Sukri</u> (Universiti Putra Malaysia, Malaysia)</p>
<p>16:30 Electrical Properties of Carbon Nanotube (CNT) Nano-Ink on Different Substrates</p> <p><u>Nur Haziqah Abdul Aziz</u> and <u>Haslina Jaafar</u> (Universiti Putra Malaysia, Malaysia); <u>Suhaidi Shafie</u> (UPM, Malaysia); <u>Mohd Nizar Hamidon</u> and <u>Roslina Mohd Sidek</u> (Universiti Putra Malaysia, Malaysia)</p>	<p>16:30 SnO<sub>2</sub> Ultra Thin Film Gas Sensor Fabricated By Ultrasonic Spray Pyrolysis (USP) Method</p> <p><u>Hilal Kubra Saglam</u> (Atatürk University, Turkey); <u>Mehmet Masat</u> (ATATURK University, Turkey); <u>Mehmet Ertugrul</u> (Ataturk University, Turkey)</p>	<p>16:30 Synthesis and Functional Characterization of Conducting Polyaniline by Oxidative Polymerization Method</p> <p><u>Helyati Abu Hassan Shaari</u>, <u>Mohd Nazim Mohtar</u> and <u>Norizah Abdul Rahman</u> (Universiti Putra Malaysia, Malaysia); <u>Muhammad M. Ramli</u> (Universiti Malaysia Perlis, Malaysia)</p>

<p>16:45 Effect of Methane Gas Concentration on graphene synthesis via Chemical Vapor Deposition onto Copper Substrate</p> <p><u>Nor Hapishah Abdullah</u> (Institute of Advanced Technology, Malaysia)</p>	<p>16:45 Efficiency of Raman Spectroscopy Coupled with Chemometric Analysis in the Probing of Drug-Cell Interactions</p> <p><u>Nihal Simsek Ozek</u> (Ataturk University, Turkey)</p>	<p>16:45 Endocrine Disrupter Compounds- Effects of on Human Body</p> <p><u>Okan Komesli</u> (Ataturk University, Turkey)</p>
<p>17:00 Morphology and Electrical Properties of Thick Film Paste Formulation Using Different Carbon-Based Nanomaterials</p> <p><u>Intan Helina Hasan</u>, <u>Mohd Nizar Hamidon</u>, <u>Muhammad Asnawi Mohd Kusaimi</u> and <u>Farah Nabilah Shafiee</u> (Universiti Putra Malaysia, Malaysia)</p>	<p>17:00 Dengue Virus Stereotype 2 Detection by Fabrication of Interdigitated Electrode Biosensor</p> <p><u>Bahar Tavakkoli</u> (University Putra Malaysia, Malaysia); <u>Mohd Nazim Mohtar</u> and <u>Abdullah Abdulhameed</u> (Universiti Putra Malaysia, Malaysia)</p>	<p>17:00 Effect of Sintering Temperature on the Compressive Strength of Hydroxyapatite/Montmorillonite Nanocomposite</p> <p><u>Rosnah Nawang</u> (Universiti Putra Malaysia, Malaysia); <u>Mohd Zobir Hussein Hussein</u> (Universiti Putra Malaysia &amp; Institute of Advanced Technology, Malaysia); <u>Khamirul Amin Matori</u> (University Putra Malaysia, Malaysia); <u>Che Azurhanim Che Abdullah</u> (Universiti Putra Malaysia, Malaysia)</p>
	<p>17:15 Feasibility Study of Optimized Angle Solar Generation on Roof Top for Tropical Climate</p> <p><u>Ruzaimi Ariffin</u> and <u>Rosiah Osman</u> (Universiti Putra Malaysia, Malaysia); <u>Suhaidi Shafie</u> (UPM, Malaysia); <u>Norhafiz Azis</u> (Universiti Putra Malaysia &amp; Centre for Electromagnetic and Lightning Protection Research, UPM, Malaysia)</p>	

**Thursday, December 3 15:30 - 17:30 (Asia/Kuala\_Lumpur)**

<p><b>Session 3A</b>  <b>Devices Fabrication</b>                      Room: Session A  <i>Chair: Assoc. Prof. Dr. Suriati Paiman</i></p>	<p><b>Session 3B</b>  <b>Nanomaterials (II)</b>                      Room: Session B  <i>Chair: Prof. Ts. Dr. Suraya Abdul Rashid</i></p>	<p><b>Session 3C</b>  <b>Advanced Materials (II)</b>                      Room: Session C  <i>Chair: Dr. Umer Rashid</i></p>
<p>15:30 Introduction to Pulsed Laser Deposition (PLD) Technique and what we did so far?</p> <p><u>Mustafa Tolga Yurtcan</u> (Ataturk University, Turkey)</p>	<p>15:30 Synthesis and characterization of zinc oxide nano-rods</p> <p><u>Kamer Özge Arslan</u> and <u>Ahmet Serdar Kopar</u> (Erzurum Technical University, Erzurum, TURKEY, Turkey); <u>Bulent Cakmak</u> (Erzurum Technical University, Engineering and Architecture Faculty, Turkey); <u>Güven Turgut</u> (Erzurum Technical University, Turkey)</p>	<p>15:30 A hybrid material as microwave absorber</p> <p><u>Mehmet Ertugrul</u> (Ataturk University, Turkey)</p>
<p>15:45 Nano Layered Plasma Oxidation on the CoCrW Alloy Produced by Additive Manufacturing Method</p> <p><u>Tuba Yetim</u> and <u>Merve Taftali</u> (Erzurum Technical University, Engineering and Architecture Faculty, Turkey); <u>Kerem Turalioglu</u> (Erzurum Technical University, Turkey); <u>Hilmi Tekdir</u> and <u>Ali Fatih Yetim</u> (University of Erzurum Technical, Turkey)</p>	<p>15:45 Effect of Synthesis Duration on the Properties of Zinc Oxide Nanorods Grown on CNTs Sheet</p> <p><u>Juraina Md Yusof</u> and <u>Ismayadi Ismail</u> (Universiti Putra Malaysia, Malaysia); <u>Muhammad Yusop</u> (Universiti Kebangsaan Malaysia, Bangi, Malaysia); <u>Suraya Abdul Rashid</u> (Universiti Putra Malaysia, Malaysia); <u>Mohd Ali Mat Nong</u> (UPM &amp; Institute of Advanced Technology, Malaysia); <u>Intan Helina Hasan</u>, <u>Siti Zulaika Razali</u>, <u>Rosiah Osman</u> and <u>Rosnah Nawang</u> (Universiti Putra Malaysia, Malaysia)</p>	<p>15:45 Real time observation and control of two-dimensional crystal growth</p> <p><u>Serkan Talip Kasirga</u> (Bilkent University, Turkey)</p>

<p>16:00 Effect of plasma oxidation on wear behaviour of CoCrW alloy produced via additive manufacturing</p> <p><u>Onur Comakli</u>, <u>Mustafa Yazici</u>, <u>Hilmi Tekdir</u> and <u>Ali Fatih Yetim</u> (University of Erzurum Technical, Turkey)</p>	<p>16:00 Potential Effects of CaO Nanoparticles on Germination of Common Bean Under Salinity Stress</p> <p><u>Fatih Dogan Koca</u> (Erciyes University, Turkey); <u>Hayrunnisa Nadaroglu</u>, <u>H. Caglar Kaymak</u> and <u>Mustafa Kaska</u> (Ataturk University, Turkey); <u>Azize Alayli</u> (Sakarya University of Applied Sciences, Turkey)</p>	<p>16:00 The potential of waste palm kernel shell as bifunctional catalyst for biodiesel production from waste cooking oil</p> <p><u>Abdullah Rose Fadzilah</u>, <u>Umer Rashid</u> and <u>Yun Hin Taufiq-Yap</u> (Universiti Putra Malaysia, Malaysia); <u>Mohd Lokman Ibrahim</u> (Universiti Teknologi MARA, Malaysia)</p>
<p>16:15 Organic Layer TIPS Pentacene on Commercial Prefabricated Bottom Gate-Top Contact OFET</p> <p><u>Nur Zuraihan</u> (University Putra Malaysia, Malaysia); <u>Ahmad Ghadafi Ismail</u> (Universiti Kebangsaan Malaysia, Malaysia); <u>Muhammad M. Ramli</u> (Universiti Malaysia Perlis, Malaysia); <u>Roslina Mohd Sidek</u> (Universiti Putra Malaysia, Malaysia); <u>Suhaidi Shafie</u> (UPM, Malaysia); <u>Mohd Nazim Mohtar</u> (Universiti Putra Malaysia, Malaysia)</p>	<p>16:15 Green Synthesis of Nanoparticles for Wastewater Remediation</p> <p><u>Fatih Dogan Koca</u> (Erciyes University, Turkey); <u>Hayrunnisa Nadaroglu</u> (Ataturk University, Turkey)</p>	<p>16:15 Structural and Optical Properties of Silver Oxide Incorporated Zinc Tellurite Glass System Doped with Sm<sup>3+</sup> NPs Ions</p> <p><u>Tafida A Rabi</u>, <u>Halimah Mohamed Kamari</u>, <u>Farah Diana Muhammad</u> and <u>Chan Tim</u> (Universiti Putra Malaysia, Malaysia)</p>
<p>16:30 Effects of Interdigitated Electrodes to the Formation of Travelling Surface Acoustic Wave</p> <p><u>Nur Amiera Nor Halim</u> (Universiti Putra Malaysia &amp; Universiti Malaysia Perlis, Malaysia); <u>Mohd</u></p>	<p>16:30 Effect of Carbon Nanotubes Addition on the Mechanical Properties of Kenaf/Carbon Nanotube/Polypropylene Composite</p>	<p>16:30 Evaluation of liquid metal quality of aluminium and its alloys</p> <p><u>Cağlar Yüksel</u> (Atatürk University, Turkey)</p>

<p><u>Nazim Mohtar</u> (Universiti Putra Malaysia, Malaysia)</p>	<p><u>Nabilah Afiqah Radzuan</u> (Faculty of Engineering &amp; Built Environment, University Kebangsaan Malaysia, Malaysia)</p>	
<p>16:45 Saturable absorber-based Q-switched 2 microns fiber laser via bidirectional pumping configuration</p> <p><u>Farah Diana Muhammad</u> (Universiti Putra Malaysia, Malaysia)</p>	<p>16:45 Evaluation of invert emulsion drilling fluid using GO and GO/PMMA</p> <p><u>Siti Zulaika Razali</u> (Universiti Putra Malaysia, Malaysia); <u>Yunus Robiah</u> (University Putra Malaysia, Malaysia); <u>Suraya Abdul Rashid</u> (Universiti Putra Malaysia, Malaysia); <u>Lim Hong Ngee</u> (University Putra Malaysia, Malaysia); <u>Badrul Mohamed Jan</u> (University of Malaya, Malaysia); <u>Alsultan Abdulkareem Ghassan</u> (University Putra Malaysia, Malaysia); <u>Juraina Md Yusof</u>, <u>Rosnah Nawang</u>, <u>Ismayadi Ismail</u> and <u>Intan Helina Hasan</u> (Universiti Putra Malaysia, Malaysia); <u>Mohd Ali Mat Nong</u> (UPM &amp; Institute of Advanced Technology, Malaysia); <u>Rosiah Osman</u> (Universiti Putra Malaysia, Malaysia)</p>	<p>16:45 Comparison of Different Carbon Based Enhancer for Photoanode Application at Different Adsorption Time</p> <p><u>Nazalea Yazmin</u> (Universiti Putra Malaysia &amp; Universiti Malaysia Perlis, Malaysia); <u>Mohd Nazim Mohtar</u> (Universiti Putra Malaysia, Malaysia)</p>
<p>17:00 Graphene based Microstrip patch antenna using multiple slots for X and Ku Band applications</p> <p><u>Zainab Yunusa</u> and <u>Aminu Atiku Shehu</u> (Bayero University Kano, Nigeria); <u>Mohd Nizar Hamidon</u> (Universiti Putra Malaysia, Malaysia)</p>	<p>17:00 Synthesis and characterization of BCN nanotubes by floating catalyst CVD method</p> <p><u>Yasar Ozkan Yesilbag</u> and <u>Fatma Nur Tuzluca</u> (Erzincan Binali Yildirim University, Turkey); <u>Ahmad Huseyin</u> and <u>Metin Tuzluca</u> (Erzincan Binali Yildirim University, Turkey); <u>Mehmet Ertugrul</u> (Ataturk University, Turkey)</p>	<p>17:00 Influence of DC Current in Cu-Covetics Formation</p> <p><u>Emin Oral</u>, <u>Mehmet Ertugrul</u>, <u>Ibrahim Yucel Ozbek</u>, <u>Bulent Cavusoglu</u> and <u>Tevhit Karacali</u> (Ataturk University, Turkey)</p>

17:15 Characterization of Physical, Thermal and Hydrodynamic Properties of Microencapsulated Phase Change Material Slurry as A Heat Transfer Fluid

Muhammet Kaan Yesilyurt, Hayrunnisa Nadaroglu and Omer Comakli (Ataturk University, Turkey)

17:15 Managing magnetic properties of Ferromagnetic nanoparticles by changing atomic structure

Mustafa Şükrü Kurt (Erzurum Technical University, Turkey); Steve Baker (University of Leicester, United Kingdom (Great Britain))

17:15 Highly Sensitive Fourier Transform Infrared (FT-IR)-based Whole-Cell Bacterial Detection by Combining Gold Nanorod Arrays and Gold Nanoparticles as Sandwich Platform

Mehmet Yilmaz and Nihal Simsek Ozek (Ataturk University, Turkey); Araz Norouz Dizaji (Atatürk Üniversitesi, Turkey)