

## ICoSeMT 2021 CONFERENCE SCHEDULE

### Day 1: 8 November 2021 (Monday)

Time	Programme
0830 – 0900	Registration of Guest and Participant (Webex)/ Advertisement Video
0900 – 0935	Doa Recital
	Welcoming Speech by <b>YBhg. Professor Dato' Dr. Faisal Rafiq Mahamd Adikan, FASc</b> Vice-Chancellor, Universiti Sains Malaysia (USM)
	Welcoming Speech by <b>YBrs. Prof. Ts. Dr. Salmiah Kasolang</b> Rector, Universiti Teknologi MARA, Cawangan Pulau Pinang (UITMCP)
	Welcoming Speech by <b>YBrs. En. Jaffri Ibrahim</b> Chief Executive Officer, Collaborative Research in Engineering, Science & Technology (CREST)
	Welcoming Speech by <b>YBrs. En. Mohd Azanuddin Salleh</b> Senior Vice President, SIRIM Industrial Research
	Opening Speech by <b>YBhg. Datuk Zainal Abidin Abu Hassan</b> Secretary General Ministry of Science, Technology and Innovation (MOSTI)
<b>KEYNOTE TALK 1</b> <b>(SESSION CHAIR: Ts. Dr. Haslinda Abdul Hamid)</b>	
0935 – 1005	<i>"Issues in Microelectronics Packaging"</i> <b>Prof. Dr. Peter Hadley</b> Graz University of Technology (TU Graz), AUSTRIA
<b>PLENARY TALK 1</b> <b>(SESSION CHAIR: Ts. Dr. Haslinda Abdul Hamid)</b>	
1005 – 1030	<i>"The Management Tools in Manufacturing for Competitive Advantage"</i> <b>Dato' Dr. Mohd Sofi Osman</b> Universiti Sains Malaysia, MALAYSIA
1030 – 1045	Online Group Photo Session/ Break/ Advertisement Video
<b>ORAL SESSION 1</b> <b>TOPIC A: OPTICAL AND ELECTRONIC MATERIALS</b> <b>(SESSION CHAIR: Dr. Muhd Azi Che Seliman)</b>	
1045 – 1100	<b>INVITED TALK 1:</b> <i>"Aptasensor for Mycotoxins Detection: An Approach Using Nanostructured Materials"</i> <b>Dr. Mohamed Shuaib Mohamed Saheed</b> Universiti Teknologi Petronas (UTP), MALAYSIA
1100 – 1115	<i>"Wafer-Scale Patterning Of Silicon Nanowire Using Uv Enhanced Substrate Conformal Imprint Lithography (Uv-Scil)"</i>

	Mohd Azraie Mohd Azmi, Owen J. Guy, Azman Aziz, Fatihatul Makmon, Suhaili Sabdin, Sharinee Sallah
1115 – 1130	<i>"Influence of the Rods as Collector on Morphology and Uniformity of Nanofibers via Electrospinning"</i> Nabeel Z. Al-Hazeem, Z. Hassan, Sabah M. Mohammad
1130 – 1145	<i>"Impedance and Dielectric Characterisation of Epoxy Composites Containing Carbon Black and Carbon Nanotubes"</i> Raja Nor Raja Othman, Afham Za'im Ghani, Noor Amieza Mohamad
1145 – 1200	<i>"Nearly Zero Ultra-Flattened Dispersion in Octagonal Photonic Crystal Fiber"</i> Naeemul Islam, Anik Baul, Mohamed Fauzi Packeer Mohamed, Abu Bakkar Sakib, Md. Fokhrul Hasan
1200 – 1215	<i>"Impacts of Wafer Doping Type on Structural and Optical Properties of Black Silicon Fabricated by Metal-Assisted Chemical Etching"</i> Muhiddin Ahmad Sheriff, Auwal Abdulkadir, Md. Roslan Hashim, Mohd Zamir Pakhuruddin
1215 – 1230	<i>"X-Ray Diffraction Study of InGaN/GaN Heterostructures Grown by MOCVD Technique at Different Temperatures"</i> A.K. Tan, N.A. Hamzah, S.S Ng
1230 – 1245	<i>"Indium Doped Spin Coated ZnO Using Thin Film for TCO Application"</i> Shafinaz Sobihana Shariffudin, Ahamd Hasif Mohd Zaid, Najwa Ezira Ahmed Azahar, Puteri Sarah Mohamad Saad, Hashimah Hashim, Mohamad Hafiz Mamat
1245 – 1300	<i>"Characterization of Nanocrystalline SnO<sub>2</sub>-Y<sub>2</sub>O<sub>3</sub> Thin Films Prepared Using Chemical Bath Deposition"</i> Imad H. Kadhim, Huda Nagem Abd
1300 – 1315	<b>Poster Session</b>
1315 – 1400	Break / Advertisement Video
<b>ORAL SESSION 2</b> <b>TOPIC B: DEVICES</b> <b>(SESSION CHAIR: Ts. Dr. Mohd Zamir Pakhuruddin)</b>	
1400 – 1415	<b>INVITED TALK 2:</b> <i>"High Electron Mobility of 4H-SiC MOSFET Utilizing Ultrathin Layer of SiO<sub>2</sub>"</i> <b>Ts. Dr. Faiz Arith</b> Universiti Teknikal Malaysia Melaka (UTeM), MALAYSIA
1415 – 1430	<b>BESarawak Virtual Exhibition</b>
1430 – 1445	<i>"Investigation on Absorption and Photocurrent in Silicon Absorber with Varied Pyramid Texture Angles by Ray Tracer"</i> Mohamad Aliff Asraff Rosle, Mohd Zamir Pakhuruddin
1445 – 1500	<i>"Optimization of 1 μm Gate Length InGaAs-InAlAs pHEMT"</i> Naeemul Islam, Mohamed Fauzi Packeer Mohamed, Mohd Syamsul Nasyriq Samsol Baharin, Muhammad Firdaus Akbar Jalaludin Khan, Nor Azlin Ghazali, Mohd Hendra Hairi
1500 – 1515	<i>"Temperature Dependence of Electrical Characteristics of ZnO Field Effect Transistors with AZO and Aluminium Source/Drain Contact"</i> Nor Azlin Ghazali, Mohamed Fauzi Packeer Mohmaed, Muhammad Firdaus Akbar Jalaludin Khan, Harold Chong
1515 – 1530	<i>"Humidity Sensor Performance Based Composite ZnO/SnO<sub>2</sub> Nanorod Structure Using Different ZnO Seed Layer"</i> Nor Diyana Md Sin, Shatini Md Said, Ahmad Syakirin Ismail, Mohamad Hafiz Mamat, Fazlinashatul Suhaidah Zahid, Mohamad Zhafran Hussin, Noor Asnida Asli, Mohamad Rusop

1530 – 1545	<p><i>“Potential of Water-Based Phosphoric Acid as Emitter Junction on n-Si Wafer”</i></p> <p>Ahmad Rujhan Mohd Rais, Nurul Aqidah Mohd Sinin, Suhaila Sepeai, Mohd Adib Ibrahim, Saleem H. Zaidi, Kamaruzzaman Sopian</p>
1545 – 1550	<b>Poster Session</b>
1550 – 1605	Online Photo Session/ Break/ Advertisement
<b>KEYNOTE TALK 2</b> <b>(SESSION CHAIR: Assoc. Prof. Dr. Ng Sha Shiong)</b>	
1605-1635	<p><i>“A Direct Epitaxial Approach to Monolithically Integrating InGaN MicroLEDs and HEMTs for Microdisplay and VLC”</i></p> <p><b>Prof. Dr. Tao Wang</b>  <i>The University of Sheffield, UNITED KINGDOM</i></p>
<b>ORAL SESSION 3</b> <b>TOPIC C: ORGANIC AND POLYMERIC MATERIALS/ TOPIC D: PACKAGING TECHNOLOGY</b> <b>(SESSION CHAIR: Assoc. Prof. Dr. Ng Sha Shiong)</b>	
1635 – 1650	<p><b>INVITED TALK 3:</b>  <i>“Morphological, Optical and Electrical Analysis of Ag Polymer-Nickel Low Temperature Top Electrode in Silicon Solar Cell for Tandem Application”</i></p> <p><b>Dr. Suhaila Sepeai</b>  <i>Universiti Kebangsaan Malaysia (UKM), MALAYSIA</i></p>
1650 – 1705	<p><i>“Thermomechanical and Dielectric Properties Relationship of Hybrid Carbon Black and Nano Silica Epoxy Composites”</i></p> <p>Raja Nor Raja Othman, Fatim Atira, Noor Amieza Mohamad</p>
1705 – 1720	<p><i>“Utilization of Sawdust as an Absorbing Material in Anti-Microwave Brick Walls Manufacturing”</i></p> <p>Nur Hashira Narudin, Hasnain Abdullah, Mohd Nasir Taib, Basharudin Abdul Hadi, Azizah Ahmad, Nazirah Mohamat Kasim, Noor Azila Ismail</p>
1720 – 1735	<p><i>“PVA Nanofibers Embedded with Different Concentration of ZnO Prepared by Electrospinning Method”</i></p> <p>Muhammad AlHadi Zulkefle, Rohanieza Abdul Rahman, Wan Fazlida Hanim Abdullah, Zurita Zulkifli, Sukreen Hana Herman</p>
1735 – 1750	<p><i>“Removal of Congo Red Dye Using Green Kyllinga Weed Extract and Mediated-Silver Nanoparticles as Catalysts”</i></p> <p>Siti Hajar Khalid, Aishah Nur Addia Azizan, Nor Aimi Abdul Wahab, Mohamed Syazwan Osman, Norain Isa, Vicinisvarri Inderan</p>
1750 – 1805	<p><i>“Dielectric Properties of Epoxy Composites Containing Silver Nanoparticle and Carbon Nanotube Over the X-Band Frequency”</i></p> <p>Noor Amieza Mohamad, Raja Nor Raja Othman, Nurfaizlin Abdul Jamil</p>
1805 – 1820	<p><i>“Interfacial Delamination Validation on Fan-Out Wafer-Level Package Using Finite Element Method”</i></p> <p>Ariel Conversion, Aristotle Ubando, Jeremias Gonzaga</p>
1820 – 1835	<p><i>“Modelling and Thermal Simulation for 1mm<sup>2</sup> VSCEL Chip”</i></p> <p>Khairul Mohd Arshad, Muhamad Mat Noor, Shaili Falina, Asrulnizam Abd Manaf, Hiroshi Kawarada, Mohd Syamsul</p>
1835 – 1850	<p><i>“Fabrication of Nanocomposite PDMS/Graphene as Flexible Substrate at Different Graphene Concentration”</i></p> <p>Irzati Zaili binit Ghazali, Zurita binti Zulkifli, Robi'atun Adayiah binti Awang, Sukreen Hana binti Herman</p>
<b>END OF DAY 1</b>	

**Day 2: 9 November 2021 (Tuesday)**

Time	Programme
0830 – 0900	Registration of Guest and Participant (Webex)/ Advertisement Video
<b>PLENARY TALK 2</b> <b>(SESSION CHAIR: Dr. Alhan Farhanah Abd Rahim)</b>	
0900 – 0925	<p><i>“Nanotechnology: A Driving Force in Semiconductor Industry”</i>  <b>Assoc. Prof. Dr. Ruslinda A. Rahim</b>  National Nanotechnology Center (NNC), Ministry of Science, Technology and Innovation (MOSTI), MALAYSIA</p>
<b>ORAL SESSION 4</b> <b>TOPIC A: OPTICAL AND ELECTRONIC MATERIALS</b> <b>(SESSION CHAIR: Dr. Alhan Farhanah Abd Rahim)</b>	
0925 – 0940	<p><i>“Structural, Morphological, and Optical Properties of Low-Cost Fluorine, Silver Co-Doped ZnO Nanostructures”</i>  Aminu Muhammad, Zainuriah Hassan, Sabah M. Mohammad, Suvindraj Rajamanickam, Shireen Mohmmmed Abed</p>
0940 – 0955	<p><i>“Impact of Precursor Concentration on the Structural, Optical and Electrical Properties of Spin Coated Low Temperature Processed ZnO Quantum Dots Based Flexible Thin Film”</i>  Sani Muhammad, Marzaini Rashid</p>
0955 – 1010	<p><i>“The Performance of Hollow Pyramidal Microwave Absorber by Using Different Slot Size Array”</i>  Mas Izzati Fazin, Hasnain Abdullah@Idris, Mohamad Faisal Asmadi, Ahmad Rashidy Razali, Norhayati Mohamad Noor, Linda Mohd Kasim, Mohd Nasir Taib</p>
1010 – 1025	<p><i>“Electrical Properties of GaN Cap Layer for AlGaIn/GaN HEMT”</i>  M. Hasnan, R.I.M Asri, M. Nuzaihan, M. Inaba, M. Nakano, J. Suehiro, Z. Hassan, S. Falina, H. Kawarada, M. Syamsul</p>
1025 – 1040	<p><i>“Atomic Structure for AlN Grown on Different Sapphire Orientation via Numerical Study”</i>  Mazwan Mansor, Norzaini Zainal, Mohd Nazri Abd Rahman, Ahmad Kamil Azizan, Yusnizam Yusuf</p>
1040 – 1055	<p><i>“Optical Microfiber Liquid Refractometer: The Effect of Taper Waist”</i>  Mohamad Aizat Abu Bakar, Alex The Boon Li, M. Safwan Aziz, Ganesan Krishnan, Sabah M. Mohammad, Mundzir Abdullah.</p>
1055 – 1115	<b>Poster Session</b>
1115 – 1125	Online Photo Session/ Break/ Advertisement
<b>ORAL SESSION 5</b> <b>TOPIC B: DEVICES</b> <b>(SESSION CHAIR: Dr. Rosfariza Radzali)</b>	
1125 – 1140	<p><i>“Analysis of Transmission Performance for Fine Pitch Interconnects”</i>  Hungyang Leong, Boon Kar Yap, Lit Pern Chin, Eryana Binti Hussin</p>
1140 – 1155	<p><i>“Fabrication UV ZnO NRs Photodetector Based on Seeded Silicone (Si) Substrate via the Drop-Casting Technique”</i>  Shireen Mohammed Abed, Sabah M. Mohammad, Z. Hassan, A. Muhammad, Suvindraj Rajamanickam</p>
1155 – 1210	<p><i>“Effects of Notch Structures on the Transfer and DC Performances of AlGaIn/GaN HEMT Devices”</i></p>

	Muhaimin Haziq Mihat, Fauzi Packeer, Norshamsuri Ali, Shaili Falina, Hiroshi Kawarada, Mohd Syamsul
1210 – 1225	“Comparison of the Electrical Performance of AlN and HfO <sub>2</sub> Passivation Layer in AlGaIn/GaN HEMT” Zikri Zulkifli, Fauzi Packeer, Norshamsuri Ali, Shaili Falina, Hiroshi Kawarada, Mohd Syamsul
1225 – 1240	“Characterization of Breath Sensor at Different Frequencies in Outdoor Condition” Norfatiha Suhimi, Noriah Yusoff, Nor Hayati Saad
1240 – 1255	“Opto-Electronic Characterisation of GaAsBi/GaAs Multiple Quantum Wells for Photovoltaic Applications” Faezah Harun, Julie Roslita Rusli, Robert D Richards, John P R David
1255 – 1310	“Effect of Indium in p-Layer of InGaN Green Leds” M. Ikram Md Taib, E.A. Alias, Y. Yusuf, N. Zainal
1310 – 1315	<b>Poster Session</b>
1315 – 1400	Break/ Advertisement
<b>KEYNOTE TALK 3</b> <b>(SESSION CHAIR: Dr. Yusnita Mohd Ali)</b>	
1400 – 1430	“Gbps Laser-Based Visible Light Communications (VLC)” <b>Prof. Dr. Boon S. Ooi</b> King Abdullah University of Science & Technology (KAUST), SAUDI ARABIA Universiti Sains Malaysia (USM), MALAYSIA
<b>PLENARY TALK 3</b> <b>(SESSION CHAIR: Dr. Yusnita Mohd Ali)</b>	
1430 – 1455	“Aligning the Aspiration for Greater Good of Industry and Community” <b>Dr. Mohd Shahrul Azmi Bin Mohd Yusof</b> SIRIM Industrial Research (SIRIM IR), MALAYSIA
<b>ORAL SESSION 6</b> <b>TOPIC A: OPTICAL AND ELECTRONIC MATERIALS/</b> <b>TOPIC C: ORGANIC AND POLYMERIC MATERIALS</b> <b>(SESSION CHAIR: Ts. Dr. Mohd Zaki Mohd Yusoff)</b>	
1455 – 1510	<b>INVITED TALK 4:</b> “Random Lasing from Semiconductor Nanostructures” <b>Ts. Dr. Wan Maryam Wan Ahmad Kamil</b> Universiti Sains Malaysia (USM), MALAYSIA
1510 – 1525	“Effect Crystallinity of TiO <sub>2</sub> /Ag/SrSnO <sub>3</sub> for Conductivity Photoanode DSSC” I.Najihah, N. Nafarizal, M.A.M. Sultan, M. Megat, N.K.A. Hamed, A. Khairul, M. Kamarulzaki, Z. Ayib, M. Hafiz
1525 – 1540	“Ray Tracing of Perovskite Thin Films for Solar Windows” Zulfa Zahri, Mohd Marzaini Mohd Rashid, Mohd Zamir Pakhuruddin
1540 – 1555	“Synergistic Effect of Alum Doped TiO <sub>2</sub> for Photoelectrode Modification in Dye Sensitized Solar Cell (DSSC)” A.M. Shahrul, M.H. Mamat, A.A.A Samat, Irni Hamiza. H, A.N.A. Rashid, S. Setumin, Syarifah Adilah MY, M.H. Abdullah
1555 – 1610	“Characterization of Natural Dye Extracted from Medicinal Leaf of Mitragyna Speciosa for Dye-Sensitized Solar Cells” Azlina AK, M.H. Mamat, Che Soh, Z.H, M.F.A. Rahman, N.A. Othman, Marina M, Syarifah Adilah MY, M.H. Abdullah
1610 – 1615	<b>Poster Session</b>

1615 – 1625	Break/ Advertisement
<b>ORAL SESSION 7</b>	
<b>TOPIC A: OPTICAL AND ELECTRONIC MATERIALS</b>	
<b>(SESSION CHAIR: Dr. Lim Way Foong)</b>	
1625 – 1640	<b>INVITED TALK 5:</b> <i>“High-Performance Light-Emitting Diodes for Lighting and Displays”</i> <b>Dr. Tan Swee Tiam</b> Xiamen University Malaysia, MALAYSIA
1640 – 1655	<i>“Effect of Silver Nitrate Concentration on the Morphological, Structural and Optical Properties of ZnO Nanorods”</i> Suvindraj Rajamanickam, Sabah M. Mohammad, Z. Hassan, Aminu Muhammad, Shireen Mohmmed Abed
1655 – 1710	<i>“Effect of Mn Incorporated into LiNbO<sub>3</sub> Crystal Structure on the Structural, Electronic and Optical Properties Using First-Principles Study”</i> L.W. Zainuddin, M.F.M. Taib, O.H. Hassan, M.H. Samat
1710 – 1725	<i>“Enhancing the Properties of Nano-Porous Si Using Electrochemical Etching Technique”</i> Fatimah Zulkifli, Rosfariza Radzali, Alhan Farhanah Abd Rahim, Ainorkhilah Mahmood, Nurul Syuhadah Mohd Razali
1725 – 1740	<i>“Electronic Structure and Optical Properties of Strained Type-II InAs<sub>x</sub>Sb<sub>1-x</sub>/InAs Quantum Dots for Mid-Infrared Applications”</i> Gik Hong Yeap, Sergey I. Rybchenko, Igor E. Itskevich, Stephanie K. Haywood, Peter Carrington, Anthony Krier
1740 – 1755	<i>“Effects of Nitrogen Flow Rates on Properties of AlGaN Thin Films Prepared by Co-Sputtering Technique”</i> O. Afiqah, N. Nafarizal, M. Kamarulzaki, A. Zulkifli, M. Megat, A. Bakri, J. Noryasmin, A. Shuhaimi, M. Hafiz, M. Zamri, A. Yazid
1755 – 1810	<i>“Textured Polyimide Substrate for Enhanced Light Absorption in Flexible Black Silicon”</i> Halo Dalshad Omar, Auwal Abdulkadir, Md. Roslan Hashim, Mohd Zamir Pakhuruddin
1810 – 1825	<i>“A DFT+U Study on the Structural, Electronic and Optical Properties of Ti-, Ag- and Cu-Doped ZnO”</i> N. Hamzah, M.F.M. Taib, N.A. Johari, A.F.A. Faizal, M.H. Samat, O.H. Hassan, A.M.M. Ali, R. Zakaria, N.H. Hussin
1825 – 1840	<i>“Fabrication Of Ps/Al Nanocomposites As Foils And Evaluation Of Their Optical Properties”</i> Hameed Naser, Z. Hassan, Haider Mohammed Shanshool, Sabah M. Mohammad
<b>CLOSING CEREMONY</b>	
1840 – 1900	Closing Speech by <i>Dr. Mohd Syamsul Nasyriq Bin Samsol Baharin</i> Chairman of ICoSeMT 2021 & INoDEx 2021
	Award Announcement INoDEx 2021
	End of Ceremony
<b>END OF EVENT</b>	

## POSTER SESSION SCHEDULE

### Day 1: 8 November 2021 (Monday)

Time	Title/Presenter
1300 – 1303	Comparison on the Performance of MOS Capacitor Simulated Using SILVACO TCAD Tools <i>Lyly Nyl Ismail, Mohammad Faiz Ismail, Norsabrina Sihab, Nur Sa'adah Mohamad Sauki</i>
1303 – 1306	Study of Strained-SiGe Channel P-MOSFET Using SILVACO TCAD: Impact of Channel Thickness and Ge-Composition <i>Siti NorFarah Nadia Mohd Salleh, Alhan Farhanah Abd Rahim, Rosfariza Radzali, Ainokhilah Mahmood, Irni Hamiza Hamzah</i>
1306 – 1309	Enhanced Catalytic Embedded Porous Silicon for Improved Hydrogen Gas Sensing <i>Alhan Farhanah Abd Rahim, Rosfariza Radzali, Ainokhilah Mahmood, Irni Hamiza Hamzah</i>
1309 – 1312	Surface Morphological and Optical Characteristics of Etched ZnO/Glass at Various H <sub>2</sub> O <sub>2</sub> Concentrations <i>Siti Maisarah Alias, Mohd Zaki Mohd Yusoff</i>
1312 – 1315	Effects of Thermal and Microwave Heat Treatments on Structural Properties of GaN-Based Blue Led <i>R.K. Faridur, A.K. Tan, N.A. Hamzah, S.S. Ng</i>
1545 – 1548	ZnO Nanorods as a Nanosensor Prepared by Hydrothermal Method for Methanol Detection in Aqueous Solution <i>Haslinda Abdul Hamid, Norain Isa</i>

### Day 2: 9 November 2021 (Tuesday)

Time	Title/Presenter
1055 – 1058	Nanomaniipulation of Functionalized Gold Nanoparticles on GaN <i>M.A. Che Seliman, N.A. Ali Yusup, M. Hasnan, R.I.M Asri, M. Inaba, M. Nakano, J. Suehiro, H. Kawarada, Z. Hassan, S. Falina, M. Syamsul</i>
1058 – 1101	Effects of Indium Composition on the Surface Morphological and Optical Properties of InGaN/GaN Heterostructures <i>N.A. Hamzah, M.A.A.Z. Md Sahar, A.K. Tan, M.F.I. Abd Malik, C.C. Loo, W.S. Chang, S.S. Ng</i>
1101 – 1104	Growth of AlN Layer Below 1180°C via Metal Organics Chemical Vapor Deposition <i>Yusnizam Yusuf, Muhammad Esmad Alif Samsudin, Norzaini Zainal</i>
1104 – 1107	Enhancing Photocatalytic Activity of Cr Doped SrTiO <sub>3</sub> in Terms of Electronic Structure and Optical Properties : A DFT + U Investigations <i>A.F.A. Faizal, M.F.M. Taib, N. Hamzah, N.A. Johari, M.H. Samat, N.K. Jaafar, S.Z.Z. Abidin, O.H. Hassan</i>
1107 – 1110	Study of Porous III-V Surface Structure via Etching Process: Effect of Pore Depth <i>Rosfariza Radzali, Mohamad Rafiudin Ramle, Alhan Farhanah Abd Rahim, Ainorkhilah Mahmood, Aslina Abu Bakar</i>
1110 – 1113	Rapid Thermal Annealing Process Toward Enhancement of ITO Thin Films <i>R.I.M. Asri, N.A. Hamzah, M.A. Ahmad, M.A.A.Z. Md Sahar, M. A. Che Seliman, M. Abdullah, Z. Hassan</i>
1113 – 1116	Effect of Capping Agent on the Shape and Catalytic Activity of PtPd Bimetallic Alloy Nanostructures <i>Mahayatun Dayana Johan Ooi, Nurshahzleen Mohd Yusaini, Ainorkhilah Mahmood, Noorezal Atfyinna Mohd Napiah, Yushamdan Yusof</i>
1310 – 1313	Porosification Analysis in ACPEC Porous Undoped GaN Nanostructure Using the Image Processing Method <i>Ainorkhilah Mahmood, Naser Mahmoud Ahmed, Mahayatun Dayana Johan Ooi, Alhan Farhanah Abd Rahim, Rosfariza Radzali, Haslinda Abdul Hamid</i>
1313 – 1316	Speech-Based Gender Recognition Using Linear Prediction Coefficients and Mel-Frequency Cepstral Coefficients

	<i>Yusnita Mohd Ali, Emilia Noorsal, Nor Fadzilah Mokhtar, Siti Zubaidah Md Saad, Mohd Hanapiah Abdullah</i>
1610 – 1613	The Effect of V-Pits on Electronic and Optical Properties and Internal Quantum Efficiency of GaN-Based Green Light-Emitting Diodes <i>M.A. Ahmad, N.A. Hamzah, M.I.M. Taib, R.I.M. Asri, N. Zainal, Z. Hassan</i>
1613 – 1616	Hollow Pyramidal Trianglar Slotted Geopolymer Microwave Absorber Performance <i>Mohamad Faisal Asmadi, Hasnain Abdullah@Idris, Mohd Nasir Taib, Mas Izzaty Binti Fazin, Norhayati Mohamad Noor, Linda Mohd Kasim, Mohd Muzafa Jumidali</i>