

MPIC 2021, 22nd November 2021 (Monday)

Time	Programme	
	Parallel Presentation I	
	Room 1 Chairperson: Professor Dr Rusli Daik	Room 2 Chairperson: Dr Min Min Aung
8.45 am	Isyaku Saleh	Fatin Hazirah Abdullah
9.00 am	Khairil Juhanni Abd Karim <i>Modification of Polymer Side-chains for Different Applications</i>	Mhonishya Krishnamoorthy <i>BiFeO₃ Immobilized Within Liquid Natural Rubber-Based Hydrogel with Enhanced Adsorption-Photocatalytic Performance</i>
9.15 am	Rawdah Whba <i>Polymer Electrolyte System Based on Acrylonitrile Grafted Epoxidized Natural Rubber (ENR-g-ACN) for Solid State Lithium-Ion Rechargeable Battery Application</i>	Murni Sundang <i>Biobased Polyol from Crude Jatropa Oil for Polyurethane Foam</i>
9.30 am	Syukrina Imtiyaz Abdul Samat <i>Synthesis and Lyotropic Properties of Side-chain Liquid Crystalline Polymer bearing Biphenyl Mesogens in Ternary Mixtures with N-methyl-2-pyrrolidone and Deep Eutectic Solvent</i>	Azizah Baharum <i>Effect of Craze on the Mechanical Properties and Biodegradability of Conducting Polymer Film</i>
9.45 am	Invited Speaker: Nurul Hayati Idris <i>Improving the Electrochemical Performances of High-Voltage LiNi_{0.5}Mn_{1.5}O₄ Cathode through Conducting Polymer Coating</i>	Invited Speaker: Lee Hwei Voon <i>Sustainable Isolation of Cellulose Nanomaterials from Agricultural Biomass in Malaysia</i>
10.05 am	Coffee Break	
10.20 am	Opening Ceremony (Main Hall)	
	Plenary & Keynote Session 1 (Main Hall) Chairperson: Prof Dr Sahrim Ahmad	
11.00 am	Plenary I Professor Jackie Yi-Ru Ying <i>Polymeric Nanomaterials for Catalytic and Biomedical Applications</i>	
11.40 pm	Keynote I Mr. Tang Kok Mun <i>Circular Economy : A New Paradigm Shift Towards a Sustainable World</i>	
12.05	Keynote II Mr. Khairul Anuar Ahmad <i>PETRONAS Chemical Group Sustainability Agenda: New Plastic Economy</i>	
12.30	Lunch Break	
	Plenary & Keynote Session 2 (Main Hall) Chairperson: Dr Azizah Baharum	
2.00 pm	Plenary II Professor Suwabun Chirachanchai <i>Water-Based Chitosan Conjugating System: A Convenient Method to Develop Materials for Bio-related Medical Applications</i>	
2.40 pm	Keynote III Dr. Nicholas Ng Kei Hoa <i>Nitrile Examination Glove Trend: Moving Forward</i>	
3.05 pm	Keynote IV Mr. Matthias Jährling <i>The Advantages of Small-Scale Twin-Screw Extruders in Polymer Recycling Research</i>	
3.30	Industrial Talk I Choy Chau Ling, Waters Analytical Instruments Sdn Bhd	
	Parallel Presentation II	
	Room 1 Chairperson: Associate Professor Dr Jalifah Latip	Room 2 Chairperson: Associate Professor Dr Siti Fairus Mohd Yusoff
4.00 pm	Invited Speaker: Azizan Ahmad <i>Polymer Electrolyte for Solid State Li-Na Battery Application An Overview on the Current and Future Trends</i>	Invited Speaker: Min Min Aung <i>Preparation and Characterization of Bio-based Ink with HKUST-1</i>
4.20 pm	Nadhratun Naiim Mobarak <i>Preparation of Carboxymethyl Chitosan Under Heterogeneous Conditions</i>	Min Rui Chia <i>Starch/Polyaniline Biopolymer Film as Ammonia Colorimetric Sensor for Intelligent Food Packaging</i>
4.35 pm	Chin Siew Xian <i>Enhanced Adsorption of Anionic Phenol Red using Cationic Polyethylenimine-incorporated Chitosan Beads</i>	Aryanny Nasir <i>Electrospun Cellulose Acetate Nanofiber Derived from Rice Husk as a Potential Wound Dressing Material</i>
4.50 pm	Nabilah Suhaili <i>Characterization of Arginine Deep Eutectic Solvent (ADES) based Silica Gel for CO₂ Capture</i>	Puteri Intan Zulaikha <i>Polymerization of Spiro-OMeTAD for Emerging Solar Cells</i>
5.05	Nur Hapizah Suardy <i>Study on the Effect of Co-Surfactant on Microemulsion Systems</i>	Denesh A Mohan
5.20 pm	End of 1st day	

23rd November 2021 (Tuesday)

Time	Programme	
	Parallel Presentation III	
	Room 1 Chairperson: Dr Lee Tian Khoon	Room 2 Chairperson: Dr Nadhratun Naiim Mobarak
8.45 am	Mohamad Azuwa Mohamed <i>Nanoporous Self-Assembled Cellulose Nanocrystal Membrane Derived from Ceiba Pentandra for Dyes Removal</i>	Ai Ling Pang <i>Design and Optimization of Reaction Parameters for Conductive Polypyrrole Using Response Surface Methodology</i>
9.00 am	Nur Amanina Damira <i>Material Characterization of Sodium Hydroxide Treated Oil Palm Empty Fruit Bunch Fiber Reinforced Polyoxymethylene Composite for Bearing Application</i>	Shehu Sa'ad <i>Photocatalytic Degradation of LENR Using Ni Based Supported HNT Catalysts</i>
9.15 am	Khadijah. S.M.P <i>Surface Modification of Ultrahigh Molecular Weight Polyethylene (UHMWPE) for Biomedical Application</i>	Anith Liyana <i>Pore Shape and Pore Size Distribution of Mesoporous Molecularly Imprinted Poly(vinylbenzyl chloride) as A Structured Porous Material in Electrode for EDLC</i>
9.30 am	Inviter Speaker: Rizaifah Othaman <i>Polymeric Membranes and Smart Adsorbents in Circular Economy</i>	Invited Speaker: Jalifah Latip <i>Spying on the Polymer Structures: Will Spectroscopy/Spectrometry Worth the Effort?</i>
9.50 am	Coffee Break	
	Plenary & Keynote Session (Main Hall)	
	Chairperson: Associate Professor Dr Rizaifah Othaman	
10.05 am	Plenary III Professor Sahrin Ahmad <i>Circular Economy in Biocomposites Development: Challenges and Opportunities</i>	
10.45 am	Keynote V Professor Rusli Daik <i>Colloidal Dispersion of Electroactive Polymer Nanoparticles in Deep Eutectic Solvent for Heat Storage Application</i>	
	Parallel Presentation IV	
	Room 1 Chairperson: Dr Rozida Khalid	Room 2 Chairperson: Dr Wan Nur Aini Wan Mokhtar
11.10 am	Invited Speaker: Chia Chin Hua <i>Continuous Polyol-assisted Synthesis of Silver Nanowires via Flow Reaction</i>	Poster Session (Refer attachment below)
11.30 am	Invited Speaker: Sarifah Fauziah Syed Draman, <i>Integrated Phyto-Adsorption Remediation: An Alternative Treatment for Ex-Mining Lake Water</i>	
11.50 am	Invited Speaker: Fauziah Marpani <i>Evaluation of Enzyme Immobilization Techniques on Polymer Membrane via Biocatalytic Production of Methanol</i>	
12.10 pm	Invited Speaker: M. Mukram M. Mackeen <i>Analysis of Carbohydrates Using A Glycomics Approach</i>	
12.30 pm	Lunch Break	
	Plenary & Keynote Session (Main Hall) Chairperson: Professor Dr Chia Chin Hua	
2.00 pm	Plenary IV Professor Ruey-An Doong <i>Polymer-Based Nanomaterials as a Multifunctional Platform for Food-Energy-Water Nexus</i>	
2.40	Keynote VI Dr. Nor Azmi Alias <i>Bio-based Polymers in High Value-Added Applications: The Case for Palm Oil and Other Agriculture Resources</i>	
3.05	Keynote VII Associate Professor Federico Bella <i>Preliminary Studies on Polymer Electrolytes for Potassium-Based Batteries</i>	
3.30 pm	Industrial Talk II Mr. Cheng Yoon Thean, Infinity Bulk Logistics Sdn. Bhd	
3.45 pm	Closing Ceremony and Award Presentation (Main Hall)	
4.30	End of Conference	

Poster Session

Time	Poster ID	Presenter
11.10 am		Briefing
11.15 am	G07	FARAH HANNAN ANUAR
11.20 am	G09	NUR JAFNI AZAKI
11.25 am	H02	SEE WOAN QIAN
11.30 am	K04	NURUL HANISAH MOHD
11.35 am	M04	SHARINA ABU HANIFAH
11.40 am	O02	ROZIDA MOHD KHALID
11.45 am	O03	NURUL AMNI ABDULLAH
11.50 am	O04	NAZWA JON
11.55 am	O05	SURIA BINTI RAMLI
12.00 pm	P02	MOHAMMAD SYHRIN SMAIL
12.05 pm	BC02	SITI NURZUBAIDA SHAHDAN
12.10 pm	BC03	NOOR AISHATUN MAJID
12.15 pm	D01	MOHAMAD WAFIUDDIN ISMAIL
12.20 pm	G01	MOHAMAD MASKAT
12.25 pm	G04	HAFIZAN HECHANOVA