

**7<sup>th</sup> International Conference on Functional Materials and Devices  
(ICFMD-2022)**

<b>DAY 2 – 24 Aug 2022</b>			
<b>TI ME (M a l a y s i a n T i m e )</b>	<b>ROOM 1</b> Zoom link: <a href="https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09">https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09</a> Meeting ID: <b>98584908220</b> Passcode: <b>ICFMD2022</b>  <i>Chairperson: Dr. Chiam- Wen Liew</i>	<b>ROOM 2</b> Zoom link: <a href="https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09">https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09</a> Meeting ID: <b>98584908220</b> Passcode: <b>ICFMD2022</b>  <i>Chairperson: Prof. Dr. Zurina Osman</i>	<b>ROOM 3</b> Zoom link: <a href="https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09">https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09</a> Meeting ID: <b>98584908220</b> Passcode: <b>ICFMD2022</b>  <i>Chairperson: Dr Izlina Supaat</i>
8.3 0 am	<b>O14 Siti Nur Fathiah</b> Ion Conductivity Study And Supercapacitor Fabrication Of Natural Rubber Hydrogel Electrolytes	<b>O38 L.P. Teo</b> Conductivity Studies Of Poly(Vinylidene Fluoride) (Pvdf)-Lithium Bis(Oxalate)Borate (Libob) Solid Polymer Electrolytes Irradiated With Electron Beam	<b>O25 Muniraj @ Vignesh N</b> Synthesis And Characterization Of Magnesium Ion Conducting Biomaterial Moringa Oleifera Seed Based Membrane Electrolytes And Its Battery Performance
8.5 0 am	<b>O15 Pershaanaa K. Manogran</b> Binder-Free Tin Sulfide Electrode For Energy-Efficient Supercapattery	<b>O20 M.A.M. Teridi</b> Rapid Fabrication Of Oxygen Vacancies Enriched A-Fe <sub>2</sub> O <sub>3</sub> For Improved Photoelectrochemical Water Splitting	<b>O26 N.N.M.Y. Chan</b> White Light Emission from Coumarin And Rhodamine Derivatives Based On Rgb Multicomponent System
9.1 0 am	<b>O17 Marziyeh Alinejad</b> Anthocyanin Dyes for Dye-Sensitized Solar Cells With Pva Based Gel Polymer Electrolyte	<b>O21 Khairul Helmy Kamalul Arifin</b> Electrical Performance Of Gg-Licf <sub>3</sub> so <sub>3</sub> Polymer Electrolyte At Different Added Ionic Liquid Concentrations	<b>O47 Lidya Sulaiman</b> The Development Of Antifungal Coating Paint Formulation Consisted Of Crude Extract Of Cassia Alata Leaf
9.3 0 am	<b>O18 M.F. Mustafa</b> Transitional Metal Oxide as Cathode Material for Aluminum Ion Battery:	<b>O23 M. H. Ahmad</b> Cellulose Acetate Film Polymer Electrolyte from Oil Palm Agrowaste for	<b>K10 N. Matsumi</b> Strategic Interfacial Design for Advanced Secondary Batteries

	Review On Synthesis And Electrical Performances	Application In Electrochromic Devices	
9.50 am	<b>K7 M. Diantoro</b> The Role of Porous System In Electrochemical Performance Of Supercapacitor	<b>K8 Masahiro Yoshizawa-Fujita</b> Ionic Plastic Crystals: A New Family Of Solid Electrolytes	
<b>10.30 am</b>	<b>5-MINUTES BREAK</b>		
	<p style="text-align: center;"><b>ROOM 1</b></p> <p style="text-align: center;">Zoom link:  <a href="https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09">https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09</a>  Meeting ID: <b>98584908220</b>  Passcode: <b>ICFMD2022</b></p> <p style="text-align: center;"><i>Chairperson: Assoc. Prof. Dr. Ahmad Azmin Mohamad</i></p>	<p style="text-align: center;"><b>ROOM 2</b></p> <p style="text-align: center;">Zoom link:  <a href="https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09">https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09</a>  Meeting ID: <b>98584908220</b>  Passcode: <b>ICFMD2022</b></p> <p style="text-align: center;"><i>Chairperson: Dr. Zainal Abidin Ali</i></p>	<p style="text-align: center;"><b>ROOM 3</b></p> <p style="text-align: center;">Zoom link:  <a href="https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09">https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09</a>  Meeting ID: <b>98584908220</b>  Passcode: <b>ICFMD2022</b></p> <p style="text-align: center;"><i>Chairperson: Dr Ahmad Danial Azzahari</i></p>
10.35 am	<b>K9 M. Kotobuki</b> Development Of Solid Electrolytes For All-Solid-State Battery	<b>K12 Pramod K Singh</b> Electrochemical Devices Based On Plastic Waste Electrode- Ionic Liquid Based Electrolyte	<b>K13 Selvasekarapandian S</b> Biomaterial Membrane As An Electrolyte For Electrochemical Devices
11.15 am	<b>I3 Amit Saxena</b> Importance Of Biopolymer As Electrolytes For Electrochemical Devices	<b>I10 N.H. Idris</b> Recent Development Of Nickel-Rich Layered Oxide Cathode For Lithium-Ion Batteries	<b>I13 V. V. Venu Madhav</b> Fracture Analysis Of Composite Laminate With Elliptical Cut-Out And A Virtual Crack For Thermo-Mechanical Loading Conditions
11.40 am	<b>I9 Muhamad Faiz Md Din</b> Performance And Limitation Of Mineral Oil-Based Carbon Nanotubes	<b>I12 H.J. Woo</b> High Electrochemical Performance Sodium Ion Batteries Based On Prussian Blue As Cathode Materials	<b>I14 Manoj K. Singh</b> Performance Of Quasi-Solid-State Supercapacitor Using Dual Redox Additive Gel Polymer Electrolytes

	Nanofluid In Transformer Application		And Activated Carbon Electrode
12.05 pm	<b>O28 N.Ibrahim</b> New Microwave Absorption Material: (1-X)La <sub>0.85</sub> Ag <sub>0.15</sub> MnO <sub>3</sub> /X Graphene (X = 0 Wt%, 3wt% And 5wt%) Manganites Based Composites	<b>O30 Goh Zhi Ling</b> Effect Of Adsorption Method On The Photovoltaic Performance Of N3 And N719 Co-Sensitized Dye-Sensitized Solar Cells	<b>O32 N.M. Khan</b> Study On The Ionic Conduction Properties With The Effect Of 1 Ethyl 3-Methylimidazolium Chloride On The Pmma/Pla Doped With Lithium Bis(Oxalato) Borate Based Polymer Electrolytes
12.25 am	<b>O29 N.F. Mazuki</b> Effect Emimcl On Electrochemical Properties Based Pmma-Pla Hybrid Gel Polymer Electrolyte		<b>O35 MZ Najihah</b> Comparative Study Of Mixed Metal Selenide (FeCo <sub>2</sub> Se <sub>4</sub> ) Compared To Its Single Selenides (Fe-Se/Co-Se) As Pt-Free Counter Electrode In Dye-Sensitized Solar Cells
12.45 pm	<b>LUNCH</b>		
	<b>AUDITORIUM</b> Zoom link: <a href="https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09">https://zoom.us/j/98584908220?pwd=V2tMemEvNmcvZys5bVZ0aFZuWnUyQT09</a> Meeting ID: <b>98584908220</b> Passcode: <b>ICFMD2022</b>  <i>Chairperson: Prof. Dr. Masashi Kotobuki</i>		
2.00 pm	<b>P1 A.K.Arof</b> -TBC-		
2.55 pm	<b>I16 M.I.M. Ghazali</b> The Degradation Effect On Mechanical Properties For Pla-Based 3d Printed Material		
3.20 pm	<b>O24 Zulhadi Iskandar Radzi</b> Controllable Hydrothermal Synthesis Of Limn <sub>2</sub> O <sub>4</sub> And Its Electrochemical Properties For Lithium-Ion Battery		

3.4 5 pm	<b>PHOTO SESSION</b>		
3.5 0 pm	<b>5-MINUTES BREAK</b>		
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3.5 5 pm	<b>I17 K. Ramesh</b> Hybrid Corrosion Inhibitor Incorporated Protective Coatings For Metal Substrate For Long Term Protection	<b>I18 M.H Buraidah</b> Solid Sodium Carboxymethylcellulose Based-Electrolytes For Photoelectrochemical Solar Cells	<b>I19 I.M. Noor</b> Studies Of Ion Transport In Gg-Tpai-I2 Gel Polymer Electrolytes And Its Potential For Dye-Sensitized Solar Cell Applications
4.2 0 pm	<b>O36 Z.E. Rojudi</b> Kinetic Properties Of Free Ions In Gellan Gum-Libob-DmsO Gel Polymer Electrolytes	<b>O34 Istiqomah</b> Potential of MnO <sub>2</sub> based composite for enhancing supercapacitor performance	<b>O42 Syed Bahari Ramadan Syed Adnan</b> Electrical And Electrochemical Properties Of Clay Based Hybrid Sodium Solid Electrolyte
4.4 0 pm	<b>O37 Ramisha Rabeya</b> Structural Characterization Of Graphene Quantim Dots For Evaluation Of Structural Defects	<b>O40 Shamima Banu N</b> Synthesis And Characterization Of Polymer Electrolyte Based On Polyacrylonitrile For Sodium Batteries	<b>O43 Tan Chee Wayne</b> Optimisation Of Synthesis Temperature And Duration For The Formation Of Lithium Cobalt Manganese Tetroxide Xerogel

5.0 0 pm	<b>O19 N. Zainal</b> Studies of MgCF <sub>3</sub> SO <sub>3</sub> and NaCF <sub>3</sub> SO <sub>3</sub> in ENR-50 based polymer electrolyte systems	<b>O50 Nubailah Abd Hamid</b> Influenced of Different Austenite Finish Temperature (Af) to the Cyclic Properties of Pseudo elastic NiTi and NiTi Hybrid with steel for Self-recovery of Seismic Reinforcing Bar	
5.2 0 pm	<b>END</b>		