

**PROGRAMME TENTATIVE FOR
27th SCIENTIFIC CONFERENCE OF MICROSCOPY SOCIETY OF MALAYSIA 2018
3th-4th December 2018**

Day 1: 3rd December 2018

TIME	PROGRAMME (VENUE : BALLROOM)
8.00 – 8.45am	Registration
8.45 – 9.00 am	Welcoming Remarks by the Director, Institute of Bioscience @ Advisor 27th SCMSM 2018 -Prof. Dr. Abdul Rahman Omar
	SESSION 1 Chairperson : Prof. Dr. Abdul Rahman Omar/ Musliyana Mansor
9.00 – 9.45 am	Keynote Advances In Integrated Material & Biological Science Research Through Microscopy: Structural characterisation/solution of nanoporous crystals by Electron Microscopy Prof. Dr. Osamu Terasaki ShanghaiTech University
9.45 – 10.15am	Plenary 1 Innovation: A Journey of an Invention to Wealth Creation Prof. Dr. Mohd. Hair Bejo Universiti Putra Malaysia
10.15 – 10.35am	Photo Session & Tea Break
	SESSION 2 Chairperson : Dato' Dr. Tengku Azmi Tengku Ibrahim/ Mazina Mohd Yusoff
10.35 – 11.20 am	Invited Speaker Towards Next Generation Materials Design With <i>In-situ</i> SEM Dr. Chuan Wei Chung
11.20 – 11.50am	Invited Speaker New Approach of EDS Methodology, Real-time Chemical Imaging MK Leong
11.50 – 12.20pm	Invited Speaker Atomic Resolution Elemental Analysis with High-Efficiency Analytical TEM/STEM/Recent Advanced Applications Using High Resolution Scanning Microscopy Dr.T. Oikawa/Shunsuke Asahina
12.20 – 12.50pm	Invited Speaker High Speed Simultaneous EDS and TKD analysis in Scanning Electron Microscopy Dr. Wang Rui
1.00 – 2.00pm	Lunch
	Breakout Session (Material Science & Life Science)

BREAKOUT SESSION

TIME	MATERIAL GROUP 1	MATERIAL GROUP 2	BIOLOGICAL/LIFE SCIENCE
	Chairperson : Dr. Adila Mohamad Jaafar/ Anidazura Zulkiffli Venue : Ballroom	Chairperson : Dr. Che Nor Aiza Jaafar/ Farrah Deba Jamiauddin Venue : Temenggung Room	Chairperson : Dr. Intan Shameha Abd. Razak/ Noor Hazwani Abdul Rahim Venue : Syahbandar Room
2.00 – 2.15pm	OM-01 Effect of Gas Flow Rate on the Precipitated Calcium Carbonate Production Siti Noorzidah Mohd Sabri <i>Jabatan Mineral & Geosains Malaysia</i>	OM-09 Microstructure Characterization and Tensile Properties of Al-15Mg2Si-xYSZ Hybrid Composite Fabricated By Stir Casting Method Assoc. Prof. Dr. Tuty Asma Abu Bakar <i>UTM</i>	OB-01 Study the Role of Green Zinc Oxide Nanoparticles Against <i>Burkholderia mallei</i> in Albino Male Rats Dr. Ahmed Hamad Saleh <i>Al-Qalam College, Iraq</i>
2.15 – 2.30pm	OM-02 Effect of Accelerator in Biosynthesis of Silver Nanoparticles by Entada Spiralis Aqueous Extract Wan Khaima Azira Wan Mat Khalir <i>UNITEN</i>	OM-10 Structural and Physicochemical Properties of NiO/MCF Catalyst for Syngas Production via CO2 Reforming of Methane Mohd. Razali Shamsuddin <i>UPM</i>	OB-02 Larval Mouth Morphology and Alimentary Tract of Malaysian Mahseer Hybrid (<i>Tor tambroides</i> ♂ X <i>Barbonymus gonionotus</i> ♀) Muhammad Azfar Ismail <i>UPM</i>
2.30 – 2.45pm	OM-03 Degradation Properties of Nanoporous Biphasic Calcium Phosphate Nur Farahiyah Mohammad <i>UMP</i>	OM-11 Development of Polyvinyl Alcohol Composite Films Reinforced With Cellulose Nanocrystals Isolated From Coconut Husks Fiber Nurdiana Othman <i>UMP</i>	OB-03 Potential Used of Silver Nanoparticles (AgNPs) as an Antimicrobial Agent on Sugar Palm Starch (SPS) Reinforced Sugar Palm Nanoparticles Crystalline Cellulose (SPNCC) Films Rozilah Abdullah <i>UPM</i>
2.45 – 3.00pm	OM-04 Microanalysis study on the Lanna-Style Decorative Glass Dr. Pisutti Dararutana <i>The Royal Thai Army Chemical Department, Thailand</i>	OM-12 Preparation of Graphene Oxide Encapsulated Linseed Oil via Pickering Emulsion Method Nurul Nadiyah Sahir <i>IIUM</i>	OB-04 Edible Bird's Nest (EBN) Ameliorates Progression of Hepatic Steatosis and Atherosclerosis in Hypercholesterolaemic-Induced Rats Dr. Mohd Akmal Mohd. Noor <i>UPM</i>
3.00 – 3.15pm	OM-05 Effect of Indentation Parameters in Obtaining Perfect Nanoindentation Test of Soft Alloy Prof. Dr. Azman Jalar <i>UKM</i>	OM-13 Effect of Cooling Rates on Morphology Evolution of Primary Mg2Si in Al-15Mg2Si-0.3Ba In-situ Composite Assoc. Prof. Dr. Norhayati Ahmad <i>UNITEN</i>	OB-05 Biodegradation of Mango Seed Starch Films in Soil Nur'aishah Ahmad Shahrim <i>IIUM</i>
3.15 – 3.30pm	Tea Break		

	Chairperson : Assoc. Prof. Dr. Tuty Asma Abu Bakar/Musliyana Mansor Venue : Ballroom	Chairperson : Dr. Syahriza Ismail/ Mazina Mohd Yusoff Venue : Temenggung Room	Chairperson : Assoc. Prof. Dr. Abdah Md. Akim/ Nancy Liew Woan Charn Venue : Syahbandar Room
3.30 – 3.45pm	OM-06 Characterization of Magnetic Co-Ni Ferrites Nanoparticles Dr. Rizuan Mohd. Rosnan <i>JEOL Malaysia Sdn. Bhd.</i>	OM-14 Sealing Ability of Injectable Dental Composites, Biodentine and MTA in Repairing Furcal Perforation of Permanent Molar Teeth Dr. Yanti Johari <i>USM</i>	OB-06 Optimisation of Nanocellulose Production by <i>Gluconacetobacter</i> sp. BCZM 1 Isolated Locally from Fruit Wastes Sample Mustapha Abba <i>UTM</i>
3.45 – 4.00pm	OM-07 Tensile Properties of Citric Acid Crosslinked Nanocrystalline Cellulose/Chitosan Film Composite Gan Pei Gie <i>UMP</i>	OM-15 Development of Conductive Graphene/Polyaniline Nanocomposites Produced by In-situ Polymerization and Solvent Blending Method Prof. Dr. Mariatti Jaafar @Mustapha <i>USM</i>	OB-07 In-vivo Antiparasitic Assessment and Toxicity Evaluation of Curcuma longa Against the Growth and Survival of <i>Trypanosoma evansi</i> Dr. Mohd. Shukri Baba <i>IIUM</i>
4.00 – 4.15pm	OM-08 Adipic Acid Crosslinked Nanocrystalline Cellulose/Chitosan Composite: Tensile Properties and Crystallinity Dr. Sam Sung Ting <i>UMP</i>	OM-16 Electron Microscopy Analysis of Sputter Deposited Aluminium Nitride Thin Films Assoc. Prof. Dr. Nafarizal Nayan <i>UTHM</i>	OB-08 Transmission Electron Microscopy Analysis of Shiga Toxin Producing <i>E. coli</i> O157:H7 treated with Basil (<i>Ocimum basilicum</i> L.) Essential Oil Dr. Haidar Kadum Yaakob Al-Salman <i>University of Anbar, Iraq</i>
4.30 – 5.30pm	Poster Judging Session (All presenters should be present at their respective poster)		
8.00 – 10.00pm	Dinner & Official Opening Ceremony		

Dinner & Official Opening Ceremony

8.00 pm	Arrival of Participants and Invited Guests
8.15 pm	Arrival of YBhg. Prof. Dr. Zulkifli Idrus Deputy Vice Chancellor (Research and Innovation) Universiti Putra Malaysia
8.20 pm	National Anthem 'Negaraku' UPM Anthem Doa Recitation
8.25 pm	Speech by the Chairman of the Organizing Committee Assoc. Prof. Dr. Syahrilnizam Abdullah
8.30 pm	Speech by the President of Microscopy Society of Malaysia Prof. Dr. Ahmad Fauzi Mohd Noor
8.35 pm	Speech and Official Opening YBhg. Prof. Dr. Zulkifli Idrus Deputy Vice Chancellor (Research and Innovation) Universiti Putra Malaysia
8.55 pm	Dinner
10.00 pm	End of Ceremony

Dress code: Smart casual

Day 2: 4th December 2018

TIME	PROGRAMME (VENUE : BALLROOM)
	Session 3 Chairperson: Prof. Dr. Mariatti Jaafar @Mustapha/ Noor Hazwani Abdul Rahim
8.45 – 9.15 am	Plenary 2 Enhanced Mechanical Properties, Translucency, and Aging Resistance of Yttria-Stabilized Zirconia for Restorative Dentistry Applications Prof. Dr. Andanastuti Muchtar (UKM)
9.15 – 9.45am	Plenary 3 Science and Beauty in Microscopically Discovering Novel Drugs Prof. Dr. Nurul Kabir Nurul Bashar (UM)
9.45 – 10.15am	Plenary 4 Industrial Driven Research in Material Engineering: Life Assessment of Boiler Tubes Assoc. Prof. Dr. Astuty Amrin (UTM, KL)
10.15 – 10.35am	Tea Break
	Session 4 Chairperson : Assoc. Prof. Dr. Durriyyah Sharifah Hassan Adli/Siti Aisyah Md. Suboh
10.35 – 11.05am	Invited Speaker Polymeric thin films for drug delivery: A combined AFM & GISAXS study Dr. Hermen Teo
11.05 – 11.35am	Invited Speaker The Application of AFM in Cosmetic Products Research Dr. Pan Xiao Yong
11.35 – 12.05pm	Invited Speaker Index of Fracture Toughness for Delamination Judgment during Scratch Tests Dr. Pal-Jen Wei
12.30 – 2.00 pm	Lunch
	Breakout Session (Material Science & Life Science)

BREAKOUT SESSION

TIME	MATERIAL	BIOLOGICAL/LIFE SCIENCE
	Chairperson : Dr. Sam Sung Ting/ Anidazura Zulkiffli Venue : Ballroom	Chairperson : Assoc. Prof. Dr. Mohd. Shukri Baba/ Farrah Deba Jamiauddin Venue : Syahbandar Room
2.00 – 2.15pm	OM-17 Study of Carbon Nanostructures Grown From Latex Waste Via Chemical Vapor Deposition Dr. Yazid Yaakob UPM	OB-09 The Diversity of Six Green Microalgae Isolated From Malaysian Agriculture Wastewater For Phycoremediation Jannatulhawa Jasni UKM
2.15 – 2.30pm	OM-18 Enhanced Performance of Ni ₃ Si ₂ Nanowire-Based Supercapacitor Electrodes by Controlling Its Morphology and Structural Properties Dr. Goh Boon Tong UM	OB-10 Damage Of Bacterial Cells Envelope by Antimicrobial Extract Of Ajwa Date (<i>Phoenix Dactylifera</i>) as Revealed By Scanning Electron Microscopy Nurul Farhana Mohd Ishak USIM
2.30 – 2.45pm	OM-19 In-situ Synthesis and Characterisation of Novel Zinc Doped Chitosan/Hydroxyapatite Composites for Potential Biomedical Applications Prof. Dr. Ismail bin Zainol UPSI	OB-11 Application of Scanning Electron Microscope In Palynology Study of Floral Resources By Indo-Malayan Stingless Bees Genus Tetragonula Zubaidah Abu Hassan UM
2.45 – 3.00pm	OM-20 Development of Nanostructured Aluminum Alloys by High-pressure Torsion and Subsequent Aging Dr. Intan Fadhlina Mohamed UTM	OB-12 Morphometric Study of Hippocampal Ca1 Pyramidal Neurons After Chronic Tualang Honey Administration Assoc. Prof. Dr. Durriyyah Sharifah Hassan Adli UM
3.00 – 3.15pm	OM-21 Synthesis of Iron Oxide Nanoparticles with Controlled Size and Magnetic Properties Auni Hamimi Idris UPM	OB-13 Synthesis and Characterization of MOF-199 Nanocomposite (MOF- 199/GOx) for Simulated Salivary Glucose Measurements Nurulaina Fasya Saiful Anuar UNITEN
3.15 – 3.30pm	OM-22 Synthesis Parameters and Stability Study of ZIF-8 Nanocarrier for Potential Anticancer Drug Delivery Application Nurul Akmarina Mohd Abdul Kamal UPM	
3.30 – 3.45pm	OM-23 Nitrogen - Alloyed Steel Wires Assoc. Prof. Dr. Patthi Hussain UTP	
3.45 – 4.00pm	OM-24 Encapsulation of Biocides into Nano- Sized Polymer Shell: Morphology Characterization Dr. Tumirah Khadiran FRIM	
4.00 – 5.00pm	Awards & Certificate Presentation Closing Ceremony	