



Microscopy Society Malaysia

Persatuan Mikroskopi Malaysia

28TH SCIENTIFIC CONFERENCE OF MICROSCOPY SOCIETY MALAYSIA

**Theme: Research Advancement In Life
and Material Science Through The World Of Microscopy**

Program Book

18th - 20th December 2019
Swiss Garden Beach Resort, Kuantan Pahang

Web : <http://www.28thscmsm.com/>

Committee Members

Patrons	Prof. Emeritus Tan Sri Dato Dzul kifli Abd Razak
Advisors	Professor Dr. Ahmad Hafiz Zulkifly
Chairman	Prof. Dr. Ahmad Fauzi Mohd Noor
Co-chairman	Dr. Mohd Shukri bin Baba
Secretary I	Dr. Syahriza Ismail
Secretary II	Dr. Rabeta Mohd Salleh
Treasurer I	Assoc. Prof. Dr. Tuty Asma Abu Bakar
Secretariat & registration	Ms. Zubaidah Abu Hassan Ms. Azura binti Aladdin Ms. Zalina binti Razali Ms. Nur Endang Ariffin
Sponsorship	Mr. Rafiuz Zaman Haroun Mrs Normalawati Shamsudin
Scientific & Publication	Prof. Dr. Ir. Mariatti Jaafar Dr. Siti Zalifah binti Md Rasib Dr. Nor Fasihah binti Zaaba
Technical and Logistics	Dr. Sam Sung Ting & Dr Mohd Shukri Baba Dr Mardhiah Mohamad Dr Norazsida Ramli Dr Izzuddin Ahmad Nadzirin En Mohamad Maizam Maideen
Protocol	Assoc. Prof. Dr. Durriyah Syarifah Hassan
Floor manager	Dr. Che Nor Aiza Jaafar

Conference Schedule

17 December (Tuesday) – Evening (8.00pm – 9.30pm)

Time	Programme
8.00 – 9.30	Registration Secretariat Room

DAY 1: 18 December (Wednesday) – Morning (8.00am – 12.50pm)

Time	Programme					
8.00 – 8.30	Registration					
8.30 – 8.45	Opening remarks by Dr. Mohd Shukri Baba (Co-chairman 28 th SCMSM 2019)					
8.45 – 9.30	Plenary 1 – Prof. Dr. Ahmad Hafiz Zulkifly Chairperson: Prof. Dr. Ahmad Fauzi Mohd Noor GRAND HALL					
9.30 – 10.00	Keynote 1 – Assoc. Prof. Dr. Dasmawati Mohamad Chairperson: Prof. Dr. Ahmad Fauzi Mohd Noor GRAND HALL					
10.00 – 10.30	Tea Break & Poster/Micrograph/Booth Session (Foyer Ball Room)					
10.30 – 11.15	Invited Talk – Mr. ChM Damien Khoo (Anton Paar Malaysia Sdn Bhd) Chairperson: Assoc. Prof. Dr. Sam Sung Ting GRAND HALL					
11.15 – 11.30	Photo Session GRAND HALL					
Break Out Session	Parallel session: Physical Science Chairperson: Prof. Ir. Dr. Mariatti Jaafar GRAND HALL		Parallel session: Life Science Chairperson: Assoc. Prof. Dr. Durriyyah Sharifah Hasan Ali ROOM 1		Parallel session: Physical Science Chairperson: Assoc. Prof. Dr. Sam Sung Ting ROOM 2	
	Time	Presenter	Time	Presenter	Time	Presenter
11.30 am - 12.35 pm	11.30 – 11.50	O-PS-001 Dr. Utkur Mirsaidov (NUS) Invited speaker	11.30 – 11.50	O-LS-001 Dr. Sheena Tiong (UM) Invited speaker	11.30 – 11.50	O-PS-005 Prof. Dr. Ahmad Fauzi Mohd Noor (USM) Invited speaker

28th Scientific Conference of Microscopy Society Malaysia

4.45 – 5.30	Tea Break & Poster Session I (Foyer Ball Room) *Poster/ Micrograph Judging
8.00 - 9.30 PM	Opening Ceremony & Dinner Grand Hall

DAY 2: 19 December (Thursday) – Morning (8.30am – 1.00pm)

Time	Programme					
8.30 – 9.15	Plenary 2 – Prof. Dr. Abdul Rahman Omar (UPM) Chairperson: Dr. Mohd Shukri Baba GRAND HALL					
9.15 – 9.45	Keynote 3– Prof. Dr. Qumrul Ahsan (UTEM) Chairperson: Dr. Mohd Shukri Baba GRAND HALL					
9.45 – 10.15	Keynote 4– Dr. Satoshi Ogawa (MONASH University) Chairperson: Dr. Mohd Shukri Baba GRAND HALL					
10.15 – 10.45	Tea Break & Poster/Micrograph/Booth Session I (Foyer Ball Room)					
10.45 – 11.15	Invited Talk – Dr Wu Jiang (Oxford Instruments Pte Ltd) Chairperson: Assoc. Prof. Dr. Patthi Hussain GRAND HALL					
11.15 – 11.45	Invited Talk – Ms. Lim Fei Tieng (Hi-Tech Instruments Sdn Bhd) Chairperson: Assoc. Prof. Dr. Patthi Hussain GRAND HALL					
Break Out Session	Parallel session: Physical Science Chairperson: Assoc. Prof. Ir. Dr. Pung Swee Yong GRAND HALL		Parallel session: Life Science Chairperson: Dr. Zolkapli Eshak ROOM 1		Parallel session: Physical Science Chairperson: Assoc. Prof. Dr. Tuty Asma Abu Bakar ROOM 2	
	11.45 am – 12.45 pm	Time	Presenter	Time	Presenter	Time
11.45 – 12.00		O-PS-017 Prof. Dr. Ismail Zainol (UPSI)	11.45 – 12.00	O-LS-005 Assoc. Prof. Dr. Abdah Md Akim (UPM)	11.45 – 12.00	O-PS-021 Dr. Sheikh Abdul Rezan (USM)
12.00 – 12.15		O-PS-018 Dr. Khairulfarihan (UNIMAP)	12.00 – 12.15	O-LS-006 Ms. Zubaidah Abu Hassan (UM)	12.00 – 12.15	O-PS-022 Dr. Norazlina (UTEM)

7	P-PS-007	<p>Enhancement of Photochemical Reaction for Phenol Degradation via TiO₂ Nanomaterials in the Presence of H₂O₂ and FeCl₃: Mechanism and Kinetic Modelling</p> <p>M. Zulfiqar, S. Sufian*, N. E. Rabat and N. Mansor</p> <p>Universiti Teknologi PETRONAS</p>
8	P-PS-008	<p>Incorporation of Multi-walled Carbon Nanotubes and Graphene Nanoplatelets on the Morphology and Properties of PET matrix Nanocomposites</p> <p>Nuzul Fatihin Izatil Azman, Md Shuhazlly Mamat, Yazid Yaakob</p> <p>Universiti Putra Malaysia</p>
9	P-PS-009	<p>Scanning Electron Microscopy Study of Novel Biomaterial Antibiotic Delivery Systems for Treatment of Osteomyelitis in NZWR Model.</p> <p>Ahmad Faizal R., Ahmad Hafiz Z., Che Nor Zarida</p> <p>International Islamic University Malaysia</p>
10	P-PS-010	<p>Effects of Mg and Si Contents on Age Hardening Response in Two Al-Mg-Si Alloys</p> <p>C.N. Aiza Jaafar*, Ismail Zainol and Mohamad Qaizzullah</p> <p>Universiti Putra Malaysia</p>

CATEGORY: LIFE SCIENCE

No.	Paper ID	Title
1	P-LS-001	<p>Histological Visualization of Toluene Toxicity on Selected Vital Organs</p> <p>N.L. Mohd Yusoff, D.S. Hasan Adli*, and S.Y.X. Tiong</p> <p>Universiti Malaya</p>
2	P-LS-002	<p>Trichosanthes cucumerina as a Promising Non-Toxic Antimalarial Agent Against Plasmodium berghei NK65 in Animal Model</p> <p>M.S. Baba* and M.S. Mohd-Nasir</p> <p>International Islamic University Malaysia</p>