

**29<sup>th</sup> Scientific Conference of the Microscopy Society Malaysia (29<sup>th</sup> SCMSM 2021)  
20-21 December 2021**

**OVERALL SCHEDULE**

<b>Time</b>	<b>Day 1: 20 December 2021</b>
8.00-9.00 am	Opening Ceremony
9.00-10.15 am	Keynote 1, Plenary 1
10.15-10.55 am	Invited Speaker 1,2
10.55-11.05 am	Activity 1: Lucky Draw, Quiz, etc.
11.05-11.10 am	Break/Preparation for Parallel Session
11.10-12.55 pm	Parallel Session 1
12.55-2.00pm	Break/Lunch
2.00-3.25 pm	Plenary Speaker 2, Invited Speaker 3,4
3.25-3.35 pm	Activity 2: Lucky Draw, Quiz, etc.
3.35-3.45 am	Break/Preparation for Parallel Session
3.45-5.00 pm	Parallel Session 2 and Poster Session Evaluation
	<b>Day 2: 21 December 2021</b>
8.15-9.30 am	Keynote Speaker 2, Plenary 3
9.30-11.00 am	Invited Speaker 5-8
11.00-11.10 am	Activity 3: Lucky Draw, Quiz, etc.
11.10-11.15 am	Break/Preparation for Parallel Session
11.15-1.15 pm	Parallel Session 3
1.15-2.00 pm	Break/Lunch
2.00-3.00 pm	Invited Speaker 9-11
3.00-3.10 pm	Activity 4: Lucky Draw, Quiz, etc.
3.10-3.20 pm	Break
3.20-4.00 pm	Invited Speaker 12,13
4.00-5.00 pm	Closing ceremony and Award announcement

DAY 1	Day 1: 20 December 2021
7.30-8.00 am	Online registration (Venue : <a href="https://upsi.webex.com/upsi/j.php?MTID=mcf2da8658ffb116eae21a7b8d6b7e277">https://upsi.webex.com/upsi/j.php?MTID=mcf2da8658ffb116eae21a7b8d6b7e277</a> )
<b>OPENING CEREMONY</b>	
8.00-9.00 am	<b>Opening Ceremony</b> Welcoming Remarks National Anthem 'Negaraku' UPSI Anthem 'Ibu Kandung Suluh Budiman' Doa Recitation
	Speech by the Chairman of the 29 <sup>th</sup> SCMSM 2021 Prof. Ts. Dr. Ismail Zainol
	Speech by the President of Microscopy Society of Malaysia Prof. Dr. Ahmad Fauzi Mohd Noor
	Speech and Official Opening by VIP Prof. Dr. Marzita binti Puteh Deputy Vice Chancellor (Academic and International) Universiti Pendidikan Sultan Idris
	Opening Montage Video by Platinum Sponsor: Hi-Tech Instruments Sdn Bhd
	<b>Chairperson : Prof. Dr. Ahmad Fauzi Mohd Noor (USM)</b>
9.00-9.45 am	Keynote Speaker 1: <b>Prof. Dr. Tanemura Masaki (Nagoya Institute of Technology, Japan)</b> <b>Title: Development of metal-carbon nanocomposites at lower temperatures based on in situ TEM observation</b>
9.45-10.15 am	Plenary Speaker 1: <b>Prof. Emeritus Dato' Dr. Abdul Latiff Mohamad (Universiti Kebangsaan Malaysia)</b> <b>Title: Value and importance of palynology in plant systematics</b>
	<b>Chairperson: En. Rafiuz Zaman Haroun (UPM)</b>
10.15-10.35 am	Invited Speaker 1: <b>Ms. Seow Siew Siew (Hi-Tech Instruments Sdn. Bhd.)</b> <b>Title: World's highest resolution FESEM for atomic lattice observation, extreme EDS sensitivity and low voltage EELS analysis.</b>
10.35-10.55 am	Invited Speaker 2: <b>Dr. Abby Soo (Hi-Tech Instruments Sdn. Bhd.)</b> <b>Title: Atomic resolution Surface (SEM) to Bulk (STEM) Correlative imaging and analysis (EDS/EELS) with aberration-corrected optics.</b>
10.55-11.05 am	Activity 1: Lucky Draw, Quiz, etc.
11.05-11.10 am	Break/Preparation for Parallel Session
11.10-12.55 pm	Parallel Session 1
12.55-2.00 pm	Break/Lunch
	<b>Venue: <a href="https://upsi.webex.com/upsi/j.php?MTID=mcf2da8658ffb116eae21a7b8d6b7e277">https://upsi.webex.com/upsi/j.php?MTID=mcf2da8658ffb116eae21a7b8d6b7e277</a></b>
	<b>Chairperson : Prof. Madya Ts. Dr. Che Nor Aiza Jaafar (UPM)</b>
2.00-2.30pm	Plenary Speaker 2: <b>Prof. Dr. Recep Calin (Kirikkale University, Turkey)</b> <b>Title: Aluminum Matrix Composites Produced by Infiltration Method</b>
2.30-3.00 pm	Invited Speaker 3: <b>Mr. Mohamad Hasnul Naim bin Abd Hamid (Carl Zeiss Sdn. Bhd.)</b> <b>Title: In-situ heating on metal oxides and novel materials for morphological studies</b>
3.00-3.25 pm	Invited Speaker 4: <b>Dr. Rizuan Mohd Rosnan (JEOL (M) Sdn. Bhd.)</b> <b>Title: The next level of analytical intelligence in FE-SEM JSM-1 T800 HSL</b>
3.25-3.35 pm	Activity 2: Lucky Draw, Quiz, etc.
3.35-3.45 pm	Break/Preparation for Parallel Session
3.45-5.00 pm	Parallel Session 2 and Poster Evaluation

Day 2	Day 2 (21 December 2021)
Time	Programme (Venue : <a href="https://upsi.webex.com/upsi/j.php?MTID=m264bb988e2f4f48722151c16fed25df8">https://upsi.webex.com/upsi/j.php?MTID=m264bb988e2f4f48722151c16fed25df8</a> )
	Chairperson: Dr Muhammad Hakimi Mohd Kassim (UPSI)
8.15-9.00 am	Keynote Speaker 2: Prof. Dr. Ji-Long Liu (Shanghai Tech University, China) Title: <b>Cytoophidia: Polymerisation and Filamentation of Metabolic Enzymes</b>
9.00-9.30 am	Plenary Speaker 3: Prof. Ts. Dr. Ismail Zainol (Universiti Pendidikan Sultan Idris, Malaysia) Title: <b>Development of Toughened Epoxy/Natural hydroxyapatite Composite for Potential Biomedical Applications.</b>
	Chairperson: Prof Madya Dr Tuty Asma Abu Bakar (UTM)
9.30-9.55 am	Invited Speaker 5: Mr. Charles Hooi (Novatig Scientific Sdn. Bhd.) Title: <b>Advanced microscopy techniques by Tescan</b>
9.55-10.15 am	Invited Speaker 6: Dr. Yu Baojun (Bruker Malaysia) Title: <b>Performing sub 10nm element and crystallography analysis in a SEM</b>
10.15-10.35 am	Invited Speaker 7: Dr. Wu Jiang (Oxford Instruments Pte. Ltd. (Nanoanalysis)) Title: <b>Rapid microstructure characterization of additively manufactured alloys using ebsd and eds</b>
10.35-11.00 am	Invited Speaker 8: Dr. Zhou Yong Kai (Thermo Fisher Scientific) Title: <b>Advanced DualBeam Applications in Materials Science</b>
11.00 am-11.10 am	Activity 3: Lucky Draw, Quiz, etc.
11.10-11.15 am	Break/Preparation for Parallel Session
11.15-1.15 pm	Parallel Session 3
1.15-2.00 pm	Break/Lunch
	Venue: <a href="https://upsi.webex.com/upsi/j.php?MTID=m264bb988e2f4f48722151c16fed25df8">https://upsi.webex.com/upsi/j.php?MTID=m264bb988e2f4f48722151c16fed25df8</a>
	Chairperson: Prof. Madya Dr Durriyyah Sharifah Hasan Adli (UM)
2.00-2.20 pm	Invited Speaker 9: Mr. Low Ping Chien (Crest Nanosolutions (M) Sdn. Bhd.) Title: <b>Surface roughness profilinssg via areal characterization of confocal laser microscopy</b>
2.20-2.40 pm	Invited Speaker 10: Dr. Sang-Joon Cho (Gaia Science (M) Sdn. Bhd.) Title: <b>Advanced in atomic force microscopy in real-life application</b>
2.40-3.00 pm	Invited Speaker 11: Mr. Ahmad Rafiqan Nayan (Atomic Solutions Sdn. Bhd.) Title: <b>New Age for Fast Automation Scanning Electron Microscope (SEM) Imaging and EDS Mapping Analysis – Thermo Fisher Scientific Axia ChemiSEM and Pharos G2</b>
3.00-3.10 pm	Activity 4: Lucky Draw, Quiz, etc.
3.10-3.20 pm	Break
	Venue: <a href="https://upsi.webex.com/upsi/j.php?MTID=m264bb988e2f4f48722151c16fed25df8">https://upsi.webex.com/upsi/j.php?MTID=m264bb988e2f4f48722151c16fed25df8</a>
	Chairperson: Dr Yusnita Juahir (UPSI)
3.20-3.40 pm	Invited Speaker 12: Mr Simon Fong (Oxford Instruments Pte Ltd. (Nanoanalysis)) Title: <b>AFM with piezoresponse force microscopy (PFM) for ferroelectric materials</b>
3.40-4.00 pm	Invited Speaker 13: Mr Tok Hong Yuan (Hi-Tech Instruments Sdn. Bhd.) Title: <b>Next generation multimodal Raman Microscope for fast confocal imaging and Nano-Raman</b>
<b>CLOSING CEREMONY AND AWARDS ANNOUNCEMENT</b>	
4.00-5.00 pm	Closing ceremony (Venue: <a href="https://upsi.webex.com/upsi/j.php?MTID=m264bb988e2f4f48722151c16fed25df8">https://upsi.webex.com/upsi/j.php?MTID=m264bb988e2f4f48722151c16fed25df8</a> )
	Remarks

	Speech by the Chairman of the 29 <sup>th</sup> SCMSM 2021 Prof. Ts. Dr. Ismail Zainol
	Speech and Official Closing by VIP Assoc. Prof. Dr. Mohd Faizal Nizam Lee Abdullah Dean, Faculty of Science and Mathematics, Universiti Pendidikan Sultan Idris
	Closing Montage
	<b>Award Announcement</b> -Lucky draw -Best Oral Presenter (Physical - Researcher) -Best Oral Presenter (Physical - Student) -Best Oral Presenter (Life - Researcher) -Best Oral Presenter (Life – Student) -Best Poster Presenter (Physical) -Best Poster Presenter (Life) -Best Micrograph: 9 Physical SEM(3), TEM(3), OPTICAL(3) 9 Life SEM(3), TEM(3), OPTICAL(3) Travel grant award