

## ICoSeMT 2025& INoDEx 2025 Tentative

**Day 1: 29th September 2025**

Time	Programme	
OPENING CEREMONY		
0800 – 0900	Registration of Guests and Participants Venue: Level 10	
0900 – 0930	Arrival of VVIPs	
	Doa Recital	
	National Anthem, Menara Ilmu, USM Transformation Video	
	Welcoming speech by Associate Professor Ts. Dr. Mohd Zamir Pakhuruddin, Program Chairman, ICoSeMT 2025 dan INoDEx 2025	
0930 – 1000	Group Photo Session & Coffee Break	
Event	ICoSeMT 2025	INoDEx 2025
1000 – 1030	KEYNOTE TALK 1 (30 min) Professor Dr. Hideki Hirayama Leader of Terahertz Quantum Device Research Team, RIKEN Title: Recent Progress of 230 nm AlGaN Far-UVC LED for Human Harmless Disinfection Applications	
1030 – 1100	KEYNOTE TALK 2 (30 min) Mr. ET Tan Board of Director, MIMOS Berhad Title: Shifting Trends in The Global Semiconductor Landscape	
1100 – 1120	PLENARY TALK 1 (20 min) Dr. Syed Muhammad Hafiz Deputy Head of Division 1, Semiconductor R&D, MIMOS Berhad Title: Printed Electronics in the Semiconductor Era: Enabling Sustainable and Scalable Manufacturing	
1130 – 1240	PARALLEL SESSION (PS) ➤ Invited Talk 1 (20 min) Mr. Mazlan Mokhtar, MIDA ➤ Invited Talk 2 (20 min) Associate Professor Dr. Mundzir Abdullah, INOR USM ➤ 2 Oral Presentation (15mins x 2)	PARALLEL SESSION (PS) ➤ Invited Talk 3 (20 min) Associate Professor Dr. Adnan Younis, UAE University ➤ 3 Oral Presentation (15mins x 3)
1240 – 1400	Lunch Break • Networking / Collaboration Session	
1400 – 1415	Introduction of Kirana Semiconductor Sdn. Bhd.	
1415 – 1435	PLANERY TALK 2 (20 min) Dr. David Lacey ams-OSRAM Opto-Semiconductor Sdn. Bhd. Title: Advances in Compound Semiconductor Device Technologies: Paving the Way for Sustainable and Smart Applications	
1435 – 1500	PLENARY TALK 3 (20 min) Professor Dr. Julien Brault Center of Research in Hetero-Epitaxy and Applications (CHREA) Title: Fabrication of AlGaN Heterostrutures by Quasi Van Der Waals Epitaxy on 2D Materials for Quantum Dots based UV LEDs	
1500 – 1600	PS OPTICAL & ELECTRONIC MATERIALS ➤ 4 Oral Presentations (15mins x 4)	PS ORGANIC & POLYMERIC MATERIALS ➤ 4 Oral Presentations (15mins x 4)
1600 – 1945	Break	
1945 – 2245	Banquet Dinner	
END OF DAY 1		

Day 2: 30<sup>th</sup> September 2025

Time	ICoSeMT 2025		INoDEx 2025
0830 – 0900	Registration of Guests and Participants & Advertisement Video		Video Presentation
0900 – 0920	<b>PLENARY TALK 4 (20 min)</b> <b>Dr. Ajmal Khan</b> RIKEN, Japan <b>Title:</b> Status and Challenges of Efficient AlGaIn far-UVC and UVB LED on c-plan Sapphire for Medical and Agricultural Applications		
0920 – 0940	<b>PLENARY TALK 5 (20 min)</b> <b>Mr. Thung Beng Joo</b> Vice-President, SilTerra Sdn. Bhd. <b>Title:</b> Shaping Tomorrow: Where Optics, Electronics and Mechanics Converge		
0940 – 1000	Coffee Break		
1000 – 1030	<b>KEYNOTE TALK 3 (30 min)</b> <b>Professor Dr. Markus Weyers</b> Ferdinand-Braun Institute (FBH) <b>Title:</b> Material Aspects of Vertical GaN Transistors		
1030 – 1100	<b>KEYNOTE TALK 4 (30 min)</b> <b>Mr. Sim Kang Wei,</b> Senior Project Director, WBG Technology Development, Infineon Technologies (Kulim) Sdn. Bhd. <b>Title:</b> Advancing the Future of Power Electronics: Infineon's Breakthroughs in GaN Technology		
1110 – 1230	<b>PARALLEL SESSION (PS)</b> ➤ <b>Invited Talk 4 (20 min)</b> Dr. Yilmaz Dikme (20 min) Element 3-5 ➤ <i>4 Oral Presentations (15mins x 4)</i>	<b>PARALLEL SESSION (PS)</b> ➤ <b>Invited Talk 5 (20 min)</b> Associate Professor Ir. Ts. Dr. Mohd Hanapiah Abdullah, UiTM Pulau Pinang ➤ <i>4 Oral Presentations (15mins x 4)</i>	
1230 – 1400	<b>Lunch Break</b> <ul style="list-style-type: none"><li>Networking / Collaboration Session</li><li>Advertisement Video</li></ul>		
1400 – 1420	<b>PLENARY TALK 6 (20 min)</b> <b>Mr. Jaffri Ibrahim</b> CREST <b>Title:</b> Bridging the Innovation Gap: Advancing the National Semiconductor Strategy (NSS) through Effective Industry-Academia-Government Collaboration in Semiconductor R&D		
1420 – 1500	<b>Vendor Talk</b> <ol style="list-style-type: none"><li><b>CREST Analytic (20 min)</b></li><li><b>Inno Lab (20 min)</b></li></ol>		
1510 – 1610	<b>PS Devices</b> ➤ <i>4 Oral Presentations (15mins x 4)</i>	<b>PS Packaging Technology</b> ➤ <i>4 Oral Presentations (15mins x 4)</i>	
CLOSING CEREMONY			
1630 – 1800	Closing Speech by Deputy Chairman of ICoSeMT 2025 & INoDEx 2025		
	Award Announcement INoDEx 2025		
	End of Ceremony		
END OF EVENT			