

# TENTATIVE PROGRAM

## 2ND INTERNATIONAL MEET & EXPO ON SEMICONDUCTOR, OPTOELECTRONICS, AND ADVANCED ELECTRONICS

OPTOELECTRONICS2026



**April 20-21, 2026**



**Kuala Lumpur  
Malaysia**



**ACME**  
Meetings



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**Day 1- April 20, 2026**

<b>08:00 - 09:00</b>		<b>Onspot Registrations</b>
<b>09:00 - 09:30</b>		<b>Introduction and Opening Ceremony by Conference Chair and Co-Chair Prof. Arturs Medvids and Assoc Prof. Ts. Dr. Mohd Zamir Pakhuruddin</b>
<b>09:30 - 10:10</b>	<b>P</b>	<b>Title: The Advanced Sensors Based on GaN</b> Prof. Zewen Liu, Tsinghua University, China
<b>10:10 - 10:50</b>	<b>P</b>	<b>Title: Design of Carrier Transport of Polycrystalline Oxide Semiconductors for Wide Applications</b> Prof. Tetsuya Yamamoto, Kochi University of Technology, Japan
<b>10:50 - 11:10</b>		<b>Coffee Break</b>
<b>11:10 - 11:50</b>	<b>P</b>	<b>Title: Strain-Reduced InAlGaAs Shielding Layers in 30-Layer Vertically Coupled InAs Quantum Dot Arrays for O Band Telecom Single Photon Sources</b> Dr. Binita Tongbram, Indian Institute of Science, Bangalore, India
<b>11:50 - 12:30</b>	<b>P</b>	<b>Title: Will be Updated Soon</b> Prof. Yuping Wu, Executive Dean, Z Energy Storage Center, China
<b>12:30 - 13:00</b>	<b>K</b>	<b>Title: III-Nitride Semiconductors for Emerging Photovoltaic Devices</b> Assoc. Prof. Ts. Dr. Mohd Zamir Pakhuruddin, Institute of Nano Optoelectronics Research and Technology, Malaysia
<b>13:00 - 14:00</b>		<b>Group Photo</b> <b>Lunch Break</b>
<b>14: 00 - 14:30</b>	<b>K</b>	<b>Title: Metrology for Advanced Packaging</b> Prof. Ivo Rangelow, Ilmenau University of Technology, Germany
<b>14: 30 - 15:00</b>	<b>K</b>	<b>Title: Carbon Nanomaterials Synthesized from Graphites Recycled from Spent Lithium Batteries for High Performance Supercapacitors</b> Dr. Jorge Roberto Oliva, UCCFATA-UNAM Research Institute in Juriquilla, Mexico
<b>15:00 - 15:30</b>	<b>K</b>	<b>Title: Ferroelectric Local Field-Modulated Photodetectors and On-Chip Integration</b> Dr. Jinpeng Xu, Henan Academy of Sciences, China
<b>15:30 - 16:00</b>	<b>K</b>	<b>Title: The Opportunities and Challenges of Single-walled Carbon Nanotubes for Advanced Electronic Devices</b> Prof. Dr. QIngwen Li, Suzhou Institute of Nano-Tech and Nano-Bionics, China

<b>16:00 - 16:20</b>		<b>Coffee Break</b>
<b>16:20 - 16:50</b>	<b>K</b>	<b>Title: Will be Updated Soon..</b>
		Prof. Sining Yun, Xi'an University of Architecture and Technology, China
<b>16:20 - 16:50</b>	<b>K</b>	<b>Title: Will be Updated Soon..</b>
		Assoc Prof. Ts Dr. Wan Maryam Wan Ahmad Kamil, Universiti Sains Malaysia, Malaysia
<b>16:50 - 17:20</b>	<b>K</b>	<b>Title: Will be Updated Soon..</b>
		Dr. Dinesh Kulhary, Department of Chemistry, SKIT, India
<b>17:20 - 17:50</b>	<b>K</b>	<b>Title: Will be Updated Soon..</b>
		Prof. N. Mohondas Singh, Mizoram University, India
<b>17:50 - 18:10</b>	<b>Poster Presentations</b>	
<b>P1</b>	<b>Title: Spectral Investigation, TD-DFT Study, HOMO-LUMO, Chemical Reactivity and NLO properties of 1-(4-fluorobenzyl)-5-bromolindolin-2,3-dione</b>	
	Dr. Kheira Khayra Hammou, Abdelhamid Ibn Badis University, Mostaganem, Algeria	
<b>P2</b>	<b>Title: Study of Spin-Gapless Behavior in Quaternary Heusler Alloys IrCoTiZ (Z = Si, Sn, Pb) for Advanced Spintronic and Energy Devices</b>	
	Dr. Khatar Abdelhak, Abdelhamid Ibn Badis University, Mostaganem, Algeria	
<b>P3</b>	<b>Title: First-Principale Calculations to Inverstigate mechanical and Optoelectronic properties of Predicted Stable Double Perovskites Halides (DPSH): A<sub>2</sub>AlAgCl<sub>6</sub>, (A = Rb, Cs)</b>	
	Dr. Aissa Guesmia, Laboratory of Technology and of Solids Properties, Abdelhamid Ibn Badis University, Mostaganem, Algeria	
<b>P4</b>	<b>Title: Semiconductor Optoelectronics</b>	
	Dr. Sid Ahmed Bendehiba, Abdelhamid Ibn Badis University, Mostaganem, Algeria	
<b>P5</b>	<b>Title: Quaternary Heusler Alloys: New Opportunities for Thermoelectric Applications</b>	
	Dr. Messaoudi Abdelkarim, Abdelhamid Ibn Badis University, Mostaganem, Algeria	
<b>18:10 - 18:30</b>	<b>Certificate Appreciations</b>	
<b>Day 1 Closing Ceremony</b>		
<b>Day 2- April 21, 2026</b>		
<b>08:00 - 09:00</b>	<b>Onspot Registrations</b>	
<b>09:00 - 09:40</b>	<b>P</b>	<b>Title: Quantum Cone-Nano Source of Light with Dispersive Spectrum: Technology and Properties</b>
		Prof. Arturs Medvids, Riga Technical University, Latvia
<b>09:40 - 10:20</b>	<b>P</b>	<b>Title: From Excitons to Free Charge Carriers in Semiconductor Nanomaterials</b>
		Prof. Vasudevan P. Biju, Hokkaido University, Japan

10:20 - 11:00	P	<b>Title: Computational Materials Science and Engineering or Future Perspective of Nanofilms and Nanoparticles</b> Prof. Hakan Ates, Gazi University, Turkey
11:00 - 11:20		<b>Coffee Break</b>
11:20 - 11:50	P	<b>Title: Will be Updated Soon</b> Prof. Huang Wei, Northwestern Polytechnical University, China
11:50 - 12:20	K	<b>Title: Will be Updated Soon..</b> Lin Jin, East China University of Science and Technology, China
12:20 - 12:50	K	<b>Title: Fabrication and Performance Optimization of IGZO Devices Aiming at Space Application</b> Prof. Dr. Jinshun Bi, Guizhou Normal University, China
12:50 - 14:00		<b>Group Photo</b> <b>Lunch Break</b>
14: 00 - 14:30	K	<b>Title: 2D Semiconductors: Potential Materials for Energy Storage Devices</b> Prof. Shyamal Kumar Saha, National Cheng Kung University, Taiwan
14: 30 - 15:00	K	<b>Title: High RF Performance E/D-Mode Thin-Barrier AlGaIn/GaN HEMTs on Si with High-Stress LPCVD-SiN Passivation for Low-Voltage Applications</b> Dr. Mengdi Li, Xidian University, China
15:00 - 15:30	K	<b>Title: Will be Updated Soon..</b> Prof. Dr. Pedro Pereyra Padilla, Metropolitan Autonomous University, Mexico, USA
16:00 - 16:20		<b>Coffee Break</b>
15:30 - 16:00	K	<b>Title: Will be Updated Soon..</b> Dr. Khairul Fadzli Samat, Fakulti Teknologi dan Kejuruteraan Industri dan Pembuatan, Universiti Teknikal Malaysia Melaka, Malaysia
16:20 - 16:50	K	<b>Title: Will be Updated Soon..</b> Prof. Dr. Li Luning, Shanghai Institute of Technical Physics, Chinese Academy of Sciences, China
16:50 - 17:20	<i>Slots are available</i>	
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<b>18: 10 - 18:30</b>	<b>Certificate Appreciations</b>
<b>Day 2 Closing Ceremony</b>	
<b>Organizing Committee Members</b>	
Prof. Chi Wai Chow, H-Index: 51, National Yang Ming Chiao Tung University, Taiwan	
Prof. Dr. Ying Chieh Lee, College for Semiconductor and Advanced Technology, Taiwan	
Dr. Jietao Liu, Xiong'an Institute of Innovation, Chinese Academy of Science, China	
Prof. Ham Byoung Seung, Gwangju Institute of Science and Technology, South Korea	
Prof. Chen Hsu, Lunghwa University of Science and Technology, Taiwan	
Prof. Yuri G Gurevich, National Polytechnic Institute, Mexico	
Prof. John Zhou, H-Index: 96, University of Technology Sydney, Australia	
Dr. Jorge Roberto Oliva, UCCFATA-UNAM Research institute in Juriquilla, Mexico	
Dr. Luca Sorbello, CEO, Managing Director, Halocell Europe, Italy	
Prof. Yarub Al Douri, European Academy of Sciences, Turkey	
Prof. Ke Wang, East China University of Technology, China	
Prof. Shijie Xu, H-Index: 41, Fudan University, Shanghai, China	
Prof. Dr. Lin Fujiang, University of Science and Technology, China	
Dr. Hao Lu, Xidian University, China	
Dr. Sam Hsien Yi Hsu, H-Index: 32, City University of Hong Kong, Hong Kong	
Dr. Yang Yue, Xi'an Jiaotong University, China	
Prof. Mark J Jackson, Kansas State University, USA	
<b>Note: This is a Tentative Program, it is Subjected to changes till Final Program</b>	