27TH AUGUST 2024 (TUESDAY)		
8:15am	**Registration** @ Meeting Room 9, Level 2	
8:30am	**Opening Ceremony**	
8:45am		
9:00am	**KEYNOTE 1 - Prof Broderick**	
9:15am		
9:30am		
9:45am	**KEYNOTE 2 - Prof Chanda**	
10:00am		
10:15am		
10:30am	**Photo session/Networking break**	
	Meeting Room 1 @ Level 1	**Meeting Room 3** @ Level 1
11:00am	**IS06**	**S01**
11:15am		**S07**
11:30am	**D13**	**IS17**
11:45am	**D05**	
12:00pm	**P01**	**P02**
12:15pm	**P03**	**P04**
12:30pm	**Lunch** @ Ground Floor	
2:30pm	**D09**	**IS10**
2:45pm	**D06**	
3:00pm	**IS05**	**S13**
3:15pm		**S12**
3:30pm	**D03**	**IS13**
3:45pm	**IS02**	
4:00pm		**S02**
4:15pm	**Tea & Networking**	
7:00pm	**GALA DINNER** @ Meeting Room 9, Level 2	

28TH AUGUST 2022 (WEDNESDAY)		
8:15am	**Registration** @ Meeting Room 1, Level 1	
8:30am		
8:45am		
9:00am	**KEYNOTE 3 - Prof Chaker**	
9:15am		
9:30am		
9:45am	**KEYNOTE 4 - Ir Feizal**	
10:00am		
10:15am		
10:30am	**Networking break**	
	Meeting Room 1 @ Level 1	**Meeting Room 3** @ Level 1
11:00am	**IS01**	**S11**
11:15am		**S05**
11:30am	**D07**	**IS03**
11:45am	**D04**	
12:00pm	**IS18**	**S03**
12:15pm		**S15**
12:30pm	**Lunch** @ Ground Floor	
2:30pm	**D01**	**IS09**
2:45pm	**D10**	
3:00pm	**IS15**	**S10**
3:15pm		**S08**
3:30pm	**D11**	**IS07**
3:45pm	**D12**	
4:00pm	**Tea & Networking**	

29TH AUGUST 2022 (THURSDAY)		
8:15am	**Registration** @ Meeting Room 1, Level 1	
	Meeting Room 1 @ Level 1	**Meeting Room 9** @ Level 2
9:00am	**IS04**	**S09**
9:15am		**S04**
9:30am	**D14**	**IS11**
9:45am	**D15**	
10:00am	**IS12**	**S14**
10:15am		**S06**
10:30am	**Networking break**	
	Meeting Room 1 @ Level 1	
11:00am	**IS08**	
11:15am		
11:30am	**IS16**	
11:45am		
12:00pm	**IS19**	
12:15pm		
12:30pm	**Lunch** @ Ground Floor	

see next page for details

Invited Speaker

IS01	Amol Choudhary [IIT Delhi, India]	Low-Power Brillouin Microwave Photonics
IS02	Bernhard Schrenk [AIT, Austria]	Making Quantum Key Distribution a Commodity: The All-Silicon Approach
IS03	Chaotan Sima [HUST, China]	Advanced photoacoustic-based gas sensing and applications
IS04	Christopher Holmes [Southampton U, UK]	Microstructured Flexible Photonics for In-process and Structural Health Monitoring of High-Value Composite Materials
IS05	Karolina Slowik [NCU, Poland]	Quantum Plasmonics with Graphene
IS06	Kazutoshi Kato [Kyushu U, Japan]	Terahertz Wave Generation and Beam Steering by Photonics Technology
IS07	Kok-Sing Lim [UM, Malaysia]	Rapid Detection of SARS-CoV-2 using Surface Plasmon Resonance optical fiber biosensor based on Avidin-Biotin Sandwich Assay
IS08	Lau Kuen Yao [Soochow U, China]	O-band bismuth-doped fiber amplifier and mode-locked fiber laser
IS09	Mohd Saiful Dzulkefly Zan [UKM, Malaysia]	Advancement of Signal Processing Techniques in Improving the Performance of Brillouin-based Distributed Fiber Sensor
IS10	P Susthitha Menon [IMEN, Malaysia]	Heptylamine Plasma Polymerization immobilized SPR Biosensor for Glucose Detection
IS11	Piotr Kolenderski [NCU, Poland]	Satellite communication and microscopy applications with single photons
IS12	Tianhua Xu [Warwick U, UK]	Fast and Accurate Optical Fiber Channel Modeling Using Bi-Directional Long-Short Term Memory Algorithms
IS13	Yosuke Tanaka [TUAT, Japan]	Two-photon absorption process in silicon photodetector and its application to fiber optic sensors
IS15	Kimio Oguchi [NTUST, Taiwan]	Functional Confirmation of AWG-Based Wavelength Routers in Recursive Wavelength Routing Notworks
IS16	Tiu Zian Cheak [INTI U, Malaysia]	Ultrafast Fiber laser: From Bright to Dark
IS17	Raja Kamarulzaman Raja Ibrahim [UTM, Malaysia]	Development of Laser Induced Breakdown Spectroscopy (LIBS) system for elemental analysis in food samples
IS18	Noradzni [Petronas, Malaysia]	Fire detection based on hyperspectral camera and ultrasound detectors Application of Online analysers utilizing UV, IR or FTIR technology
IS19	Ke Wang [RMIT, Australia]	Thresholding Methods in Rolling Shutter Camera-Based Optical Camera Communication

Submitted papers

D01	Chandrasekar Palanisamy	Analysis and Observations Into the Quantum Dot-Quantum Well Hybrid Structure Using a CZTSSe/CZTS
D03	Mohammad Mansoor Khan	E-Band Signal Amplification in Waterless Thulium-Doped Fibers: Numerical Analysis
D04	Huai-Yi Chen	Second Harmonic Generation of Thermally Poled Silicon Germanium Oxide Films Deposited by ICPCVD
D05	Hanun Muhamad Aliza	Dual-Bidirectional SOAs for the Generation of Multiwavelength Fiber Laser Based on Lyot Filter
D06	Mohamad Amirul Sufi Mohamad Arif	Graphene Oxide Based Passive Saturable Absorber Embedded in Chitin and PVA: A Comparison
D07	Wei Ling Ooi	Thickness Dependent Absorption Properties of Molybdenum Gallium Carbide Saturable Absorber for Pulsed Fibre Laser Generation
D09	Aruna Soibam	Photonic Crystal Based MMI Design Using Silicon Nitride for Wavelength Division (De)Multiplexing
D10	Rizal Ramli	Q-Switched Erbium-Doped Fiber Laser With CeO2-PVA Film Saturable Absorber
D11	Mohd Narizee Mohd Nasir	Optical Microbottle Resonator Cavity Alteration With High Precision CO2 Laser
D12	Norita Mohd Yusoff	1.56 µm of Dissipative Soliton Resonance Utilizing Alpha-Phase Aluminum Oxide Saturable Absorber
D13	Siti Zaizatul Ashikin Binti Ahmad Tarmizi	Chlorophyll-Based Saturable Absorber for Q-Switched Pulse Generation in Er-Doped Fiber Laser Cavity
D14	Rio Yamagishi	UV-Curing TiO2-SiO2 Gas-Permeable Mold Material for Nanofabrication by Nanoimprint Lithography-Injection Molding Hybrid Technology
D15	Syamsuri Yaakob	5G RoF Dense Network Design Based on Optical Heterodyne Technique
S01	Fariza Hanim Suhailin	Surface Enhanced Raman Scattering (SERS) Spectroscopy for Leptospira DNA Detection
S02	Olabisi Onifade	Optical Hyperuricemia Sensor With Uricase Biofunctionalized Stacked Nanocomposite
S03	Junhuai Ran	Liquid Film Temperature Measurement Methods Based on Active Laser Absorption Spectroscopy: A Review
S04	Surinder Singh	Novel Highly Sensitive Photonic Sensor Using Dual Plasmonic Layers for Multiple Analyte Detection
S05	Niall Byrnes	Computational Modeling of Random Photonic Networks for Sensing Applications
S06	Azween Hadiera Hishamuddin	Enhanced Oxygen Sensing With Surface Plasmon Resonance Optical Fiber
S07	Nur Hidayah Azeman	Metal-Organic Framework Plasmonic Sensor for Methylthioninium Chloride Detection
S08	Lynda Bazi	Design of Polarization Maintaining Fiber Based on Polyethylene Terephthalate Polymer for Sensing Applications
S09	Nurul Ain Abdul Aziz	Intelligent Fiber Optic-Based Hand Tool Vibrations Detection and Classification Using Long Short-Term Memory Network
S10	Mohd Saiful Dzulkefly Zan	Efficient BFS Extraction Method Employing BGS Fitting in the Distributed BOTDA Fiber Sensor
S11	Go Yun Ii	Investigation on the Effect of Hygroscopic Coating in FBG's Sensitivity and Linearity Improvement
S12	Mohd Hadri Hafiz Mokhtar	Enhanced Visualisation of Plant Water Uptake Network Using Fluorescent Carbon Dots
S13	Ramesh Sonkar	A High-Quality Factor Ring Resonator-Based Refractive Index Sensor for the Detection of Tuberculosis Disease
S14	Sayaka Miura	Development of Sugar-Derived Water-Soluble Photoresist Materials With Potential for Environmental Impact Reduction and Biomaterial Applications
S15	Özüm Aşırım	High Solar-Energy Density Induction in Semiconductor Nanoantennas

Sponsors products/solutions updates

P01	Eric Cheung, CADFEM	Advancing Research & Development with Ansys Simulations
P02	Tan De Wei, Edmund Optics	2024 Corporate Overview
P03	Evatec SEA	
P04	Katherine Meng, Wavelength Opto-electronics	Utilising Laser Sources, Detectors, and Optical Systems in Photonics