

XLVII Symposium of the Optical Society of India

International Conference on Advances in Optics and Photonics Instrumentation (OPTOIn-2024)

23-25 October, 2024

TECHNICAL PROGRAMME (TENTATIVE)

All times in IST (+5:30 GMT)

Time slot: Invited Talk (IT): 25+5 minutes, Contributory Paper (Oral Talk): 8+2 minutes

Techno-commercial Talk (TC): 15 minutes / 10 minutes

Day 1 (Wednesday, 23 October 2024)				
8:00-9:00 AM	Registration			
9:00 – 10:00 AM	Inaugural Session (Venue: Main Hall)			
10:00 – 10:40 AM	Inauguration of Exhibition followed by High Tea			
10:40 – 11:30 AM	Keynote Talk (K V Sriram, LEOS)			
11:30 – 12:10 AM	Plenary Talk-1 (Zeev Zalevsky, Bar-Ilan University, Israel)			
12:10 – 12:40 PM	TC-01: India Optel Ltd.			
	TC-02: CGMP Projects Pvt. Ltd.			
12:40 – 1:45 PM	Lunch			
Technical Session-I				
	Hall A	Hall B	Hall C	Hall D
1:45 – 3:15 PM	Nano-photonics, Plasmonics, & Metamaterials (NPM)-I	Optical Sensors (OS)-I	Lasers and Nonlinear Optics (LNO)-I	Optics for Space, Defence, and Aerospace Applications (SDA)-I
	IT-1 (S Dutta Gupta)	IT-2 (KP Singh)	IT-3 (Gautam Das)	IT-4 (Neeraj Pandey)
	IT-5 (Amit Agrawal, UK)	IT-6 (BVR Tata)	IT-7 (Venugopal R Soma)	IT-8 (Harry Garg)
	NPM_08	OS_07	LNO_04	SDA_01
	NPM_18	OS_22	LNO_05	SDA_02
	NPM_28	OS_28	LNO_03	SDA_04
3:15 – 5:00 PM	Thesis Presentation-I (Th01 - Th07)	Tea Break + Poster Session I (Themes: QOT, NPM, LNO, DFA, P6G, OCT, SDA only)		
Technical Session-II				
5:00-6:20 PM	Optical Interferometry & Holography (HOL)-I	Optical Sensors (OS)-II	Quantum Optical Technologies (QOT)-I	Fiber Optic Devices & Instrumentation (FOI)-I
	IT-9 (Yasuhiro Awatsuji)	IT-10 (Arup Lal Chakraborty)	IT-11 (Nirmalya Ghosh)	IT-12 (Vipul Rastogi)
	IT-13 (Manoj Kumar)	IT-14 (Arijit Dey)	IT-15 (Rajesh V Nair)	IT-16 (Simranjeet Singh)
	HOL_02	OS_03	QOT_01	FOI_13

	HOL_07	OS_06	QOT_13	FOI_08
6:20-6:50 PM	Panel discussion on "Optics & Photonics in India"			
6:50-7:30 PM	Evening talk (Prof. Kehar Singh)			
7:30-9:00 PM	Conference Dinner			

Day 2 (Thursday, 24 October 2024)				
9:00 – 9:40 AM	Plenary Talk-2 (Siddharth Ramachandran, Boston University, USA)			
9:40-10:10 AM	TC-03: Bharat Electronics Ltd.			
	TC-04: CADFEM India Pvt. Ltd.			
10:10 – 11:00 AM	OPTICA Networking Session + High Tea			
Technical Session-III				
11:00 – 1:00 PM	Hall A	Hall B	Hall C	Hall D
	Augmented Reality, Virtual Reality and 3-Dimensional Displays (ARVR)-I/ Artificial Intelligence and Machine Learning for optics (AML)-I	Optical Sensors (OS)-III	Diffraction, Freeform, Adaptive, Integrated Optics and Silicon Photonics (DFA)-I	Fiber Optic Devices & Instrumentation (FOI)-II
	IT-17 (Kyoji Matsushima)	IT-18 (Satish Dubey)	IT-19 (Anurag Sharma)	IT-20 (Samir Mondal)
	IT-21 (Kenji Yamamoto)	IT-22 (Sachin Srivastava)	IT-23 (Bijoy Krishna Das)	IT-24 (BIS PGD39)
	ARVR_01	OS_11	IT-25 (Mukesh Kumar)	IT-26 (Raj Bahadur)
	ARVR_02	OS_15		
	AML_07	OS_08		
	AML_09	FOI_09	DFA_06	FOI_04
	AML_10	HOL_19	DFA_09	FOI_10
HOL_12		DFA_05	FOI_14	
1:00 – 2:00 PM	Lunch			
Technical Session-IV				
2:00 – 3:30 PM	Optical Interferometry & Holography (HOL-II) / Artificial Intelligence and Machine Learning for optics (AML-II)	Nano-photonics, Plasmonics, & Metamaterials (NPM) -II	Lasers and Nonlinear Optics (LNO) -II	Microscopy and Imaging Technologies (MIT)-I
	IT-27 (Tomoyoshi Shimobaba)	IT-28 (Harshvardhan Wanare)	IT-29 (Nirmal K Viswanathan)	IT-30 (Osamu Matoba)
	IT-31 (BJ Jackin)	IT-32 (Tapajyoti Dasgupta)	IT-33 (Gautam Samanta)	IT-34 (Kedar Khare)
	HOL_09	NPM_07	LNO_19	MIT_08

	HOL_16	NPM_36	LNO_32	MIT_13
	HOL_22	NPM_42	LNO_29	MIT_16
3:30 – 5:00 PM	Thesis Presentation-II (Th08 - Th13)	Tea Break + Poster Session II (Themes: AML, ODF, ARVR, OS, MIT, OMD, FOI, HOL, BMO only)		
Technical Session-V				
5:00-6:20 PM	Optical Design, Fabrication & Metrology (ODF)-I	Quantum Optical Technologies (QOT)-II	Diffraction, Freeform, Adaptive, Integrated Optics and Silicon Photonics (DFA)-II	Microscopy and Imaging Technologies (MIT)-II
	IT-35 (LN Hazra)	IT-36 (Bhaskar Kanseri)	IT-37 (Amit Agarwal, IRDE)	IT-38 (Naveen K Nishchal)
	IT-39 (Jinto Thomas)	IT-40 (Ashok Kumar)	IT-41 (Sanjay K Mishra)	IT-42 (Rakesh K Singh)
	ODF_03	QOT_02	DFA_04	MIT_06
	ODF_04	QOT_05	ODF_12	MIT_17
6:20-6:50 PM	Address by President, OSI and Director, CSIR-CSIO			
6:50-7:30 PM	Evening talk (Prof. Ajoy Ghatak)			
7:30-8:30 PM	OSI General Body Meeting			
7:30-9:00 PM	Conference Dinner			

Day 3 (Friday, 25 October 2024)				
9:00 – 9:40 AM	Plenary Talk-3 (Wolfgang Osten, University of Stuttgart, Germany)			
9:40 AM-10:10 AM	TC-05: Avirata Defense Systems			
	TC-06: LABINDIA Instruments			
	TC-07: Edgetech Scientific Pvt. Ltd.			
10:10-11:10 AM	Technical Session-VI			
	Hall A	Hall B	Hall C	Hall D
	Optical Interferometry & Holography (HOL-III)	Optics for Space, Defence, and Aerospace Applications (SDA)-II	Diffraction, Freeform, Adaptive, Integrated Optics and Silicon Photonics (DFA)-III	Bio-photonics & Medical Optics (BMO)-I
	IT-43 (C.S. NarayanaMurthy)	IT-44 (Subhananda Chakrabarti)	IT-45 (RK Banyal)	IT-46 (D.S. Mehta)
IT-47 (AR Ganesan)	IT-48 (Parag Sharma)	IT-49 (Shanti Bhattacharya)	IT-50 (Vyas Akondi)	
11:10 – 11:30 AM	Tea Break			
11:30 – 1:30 PM	Technical Session-VII			
	Optical Interferometry & Holography (HOL)-IV/ Optical Design, Fabrication &	Nano-photonics, Plasmonics, & Metamaterials (NPM) -III	Lasers and Nonlinear Optics (LNO) -III	Bio-photonics & Medical Optics (BMO)-II

	Metrology (ODF)-II			
	IT-51 (Rajesh Kumar)	IT-52 (Achanta Venugopal)	IT-53 (PC Deshmukh)	IT-54 (Sukhdev Roy)
	IT-55 (Nadan Bisht)	IT-56 (Partha Roy Chowdhury)	IT-57 (Pramod Gopinath)	IT-58 (Sanjeev Soni)
	IT-59 (Than Singh Saini)	NPM_19	LNO_30	IT-60 (Sumit Kumar Pramanik)
		NPM_39	LNO_36	
		NPM_41	LNO_40	
	ODF_01	NPM_11	LNO_20	BMO_02
	ODF_10	NPM_12	LNO_07	BMO_05
	ODF_24	NPM_15	LNO_23	BMO_06
1:30 – 2:15 PM	Lunch			
Technical Session-VIII				
2:15 – 3:45 PM	Optical Coating Technologies (OCT)-I	Optoelectronics and Micro-opto-mechanical Devices (OMD)-I/ Optics for Space, Defence, and Aerospace Applications (SDA)-III	Fiber Optic Devices & Instrumentation (FOI)-III	Photonics for 6G &THz Technologies (P6G)-I
	IT-61 (M. Angappan)	IT-62 (Rajan Jha)	IT-63 (Deepa Venkatesh)	IT-64 (Dibakar Roy Chowdhury)
	IT-65 (Rajib Chakraborty)	IT-66 (Ram Gopal)	IT-67 (Devendra Mohan)	IT-68 (Mukesh Jewariya)
	OCT_01	OMD_03	IT-69 (Somnath Ghosh)	P6G_04
	OCT_02	SDA_03		P6G_05
	OCT_03	SDA_05		P6G_08
3:45 – 4:15 PM	Conference Valedictory Session			
4:15 PM	High Tea			

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