

Day 3A: Sunday September 27, 2026
LHC 3rd Floor, IIT Delhi

Time	Hall-A	Hall-B	Hall-C	Hall-D	Hall-E
	Hall-A Plenary Session-II Chairs: Kehar Singh and Venugopal Achanta				
09:30	Plenary: R. Morandotti: <i>Classical and Quantum Photonics for Smart Technologies</i>				
10:15	Plenary: O. Matoba: <i>Potential of Holographic Microscopy for Neuroscience</i>				
	Quantum Photonics-III Chair: Bhaskar Kanseri	Optics for Defence Technology-I Chair: A.K. Gupta	Nanophotonics-I Chair: Vipul Rastogi	Structured Light Chair: P. Senthilkumaran	Metamaterial Chair: Dheeraj Pratap
11:30	Invited: Beyond the Standard Quantum Limit: Coherent Quantum Noise Cancellation in Hybrid Cavity Optomechanics Amarendra K. Sarma, IIT Guwahati, Assam,India	Invited: High Speed De-blurring Technology for Wide-area Surveillance System Sanjay Kumar Mishra, IRDE Dehradun, Uttarakhand, India	Invited: Multipolar Optical Binding and Rotational Jamming in Plasmonic Optical Matter Pavan Kumar GV, IISER Pune, India	Invited: Beam Shifts with Structured Light Subhasish Dutta Gupta, IISER Kolkata, India TIFR Hyderabad, Telangana, India	Invited: Scalable Metasurface Photonics for Quantum Computers and Sensors Amit Agarwal, University of Cambridge, Cambridge, UK
12:00	Invited: Integrated Nanophotonic Components and Devices for Quantum Computing and Sensing Applications S.K. Varshney, IIT Kharagpur, India	FOP388: Modeling and Simulation for COIL Unstable Resonator A K Varshney, Centre for High Energy Systems and Sciences, Hyderabad, India	Invited: Spin Orbit Interaction and Weak measurements in Plasmonic Metasurfaces Nirmalya Ghosh, IISER Kolkata, India	Invited: Tailored Bessel Beams and Their Applications Shanti Bhattacharya, IIT Madras, Chennai, India	Invited: Light-Matter Interactions with Hyperbolic Materials S R K Chaitanya Indukuri, IIT Jammu, India
12:15					
12:30	FOP323: Broadband polarization entanglement via spatial multiplexing of Type-0 SPDC photons Milan Jana, PRL Ahmedabad, India IIT Gandhinagar, India		FOP226: Detection of Surface Plasmon Polariton leakage via nanoparticle assembly J. S. Shyambhargav, Manipal Academy of Higher Education, Manipal, Karnataka, India	FOP360: Susceptibility-Engineered Polarization Shaping of Structured Light in Rubidium Vapor Abhishek Dutta, IIT Delhi, New Delhi, India	FOP288: Reconfigurable Dielectric Metasurface for Polarization Switching Abel Paul Joseph, TIFR Hyderabad, Telangana, India
12:45	FOP328: Quantum sensing by tunable exchange symmetry control using geometric phase Chahat Kaushik, PRL Ahmedabad, India IIT Gandhinagar, India		FOP240: Detection of small molecules Using a Plasmonic Chip on an Optical Fiber Microfluidic Platform Vivek Semwal, Manipal Academy of Higher Education, Manipal, Karnataka, India	FOP375: Optical vortices-based pseudo-DNA logic and its applications Sonu Kumar Rao, IITPatna, Bihar, India	FOP291: Switching of bands in a graphene assisted metamaterial absorber Raghwendra Kumar, Bihar National College, Patna University, Patna, Bihar, India
13:00				FOP382: Determination of 3-D Spin Densities Dileep Kumar Upadhyay, University of Hyderabad, Hyderabad, India	

Day 3B: Sunday September 27, 2026
LHC 3rd Floor, IIT Delhi

Time	Hall-A	Hall-B	Hall-C	Hall-D	Hall-E
	Quantum Photonics-IV Chair: Joyee Ghosh	Optical Engineering Chair: A.R. Ganesan	Nonlinear Photonics Chair: Jasleen Lugani	Dynamic Imaging and Holography Chair: Aloka Sinha	Optical Networks Chair: Abhishek Dixit
15:00	Invited: Quantum Noise of Bright Light: Enabling Quantum Communication and Cryptography Ashok Kumar, IIST, Kerala, India	Invited: Interferometric Approaches to Refractive Index Measurement Kanik Palodhi University of Calcutta, Kolkata, India	Invited: Parametric fluorescence, amplification and autocorrelation: A Beginner's perspective Prem B. Bisht, IIT Madras, Chennai, India	Invited: Effect of the Structure of the Chiral Moiety of the Photoconductive Dopant on the Photorefractive Effect of Liquid Crystal Blends T. Sasaki, Tokyo University of Science, Tokyo, Japan	Invited: On-Demand SOA-Based Optical Phase Conjugation for Adaptive Coherent Optical Networks Deepa Venkatesh, IIT Madras, Chennai, India.
15:30	Invited: Event-driven single-photon cameras based on Timepix3 and Timepix4 for quantum optics Thorbjørn Schoenbeck, Amsterdam Scientific Instruments, Amsterdam, Netherlands	Invited: Retinal display for vergence accommodation conflict elimination in augmented reality applications Raj Kumar, CSIR – CSIO, Chandigarh, India	Invited: Photonic Crystal Fibers: Designing Fibers, Active and Nonlinear Fiber Devices Partha Roy Chaudhuri, IIT Kharagpur, Kharagpur, India	Invited: Quantitative phase imaging of dynamic object by parallel recording technique Y.Awatsuji, Kyoto Institute of Technology, Kyoto, Japan	FOP271: FPGA-Based Wideband Pre-Emphasized LFM Waveform Generation for Photonic Filters Bingi Kiran, IIT Delhi, New Delhi, India
16:00	FOP331: Spatial division-multiplexing-based high-rate, quantum communication networks Ayan Kumar Nai, PRL Ahmedabad, India IIT Gandhinagar, India	FOP164: Design of a Long Working-Distance, High-Numerical-Aperture Objective Lens for Optical Trapping and Fluorescence Imaging Saumya Jyoti Sarka, NISER Bhubaneswar, India.	FOP116: All-optical anti-skyrmions and anti-merons in Difference frequency generation Arannya Ghosh, IIT Delhi, India	FOP140: Single-Shot Jones Matrix Extraction Using a Common-Path Intensity Measuring Techniques Deepak Kumar, IIST Thiruvananthapuram, Kerala, India	FOP072: Millimeter Wave Over Fiber System with Nakagami-m Fading and Adaptive Equalization for 5G C-RAN Mohit Kumar Sisodiya, PEC Chandigarh, India
16:15	FOP337: Impact of Detector Noise on Experimental Free-Space Unidimensional Continuous-Variable Quantum Key Distribution Rachita Nandan, PRL Ahmedabad, India IIT Gandhinagar, India	FOP165: Establishment of Luminous Flux Scale using Recently Created Facility at CSIR-NPL India Parag Sharma, CSIR-NPL, New Delhi, India AcSIR Ghaziabad, India	FOP125: Kramers–Kronig Receiver for Direct-Detection Measurement of Fiber Kerr Nonlinearity Priyanshu Pandey, IIT Delhi, New Delhi, India	FOP142: Development of a Programmable Quadriwave Interferometric Wavefront Sensor for Aspheric Testing Shadiya MP, IISER Tirupati, Andhra Pradesh, India	FOP400: Co-Alloyed Perovskite Quantum Dots for Controlled Hot-Carrier Dynamics and Phase Stable Optoelectronics Afreen, IISER Bhopal, India
		FOP167: Reduction of the Laser Intensity Noise for the Optical Setup of Quantum Frequency Standard Harupjit Singh, CSIR-NPL, New Delhi, India AcSIR Ghaziabad, India			
16:30	Tea				
17:00	Lasers-I Chair: Bodhaditya Santra	Optics for Space Technology-I Chair: CS Narayanmurthy	Nanophotonics-II Chair: G V Pavan Kumar	Wavefront Engineering-I Chair: V K Jaiswal	AI/ML and Photonics-I Chair: Deepak Jain
	Invited: Recent advances in high power fiber laser activity at RRCAT B.N. Upadhyaya, RRCAT, Indore HBNI, Mumbai, India	Invited: Aspects of System Design for a Satellite based Optical Remote Sensing M Senthil Kumar, Space Applications Centre, ISRO, Ahmedabad, India	Invited: Metalenses for Advanced Wavefront Engineering: From Achromatic Imaging to Sub-Diffraction Nanofabrication Tapajyoti Das Gupta, IAP IISc Bangalore, India	Invited: Anisoplanatism in Adaptive Optics and Advancements in Wavefront Sensing A R Ganesan, IIT Madras, Chennai, India	Invited: Ultrafast Fiber Laser – An Avenue for Photonic Intelligence Nithyanandan Kanagaraj, IIT Hyderabad, Telangana, India

17:30	FOP179: 3kW Narrow Linewidth Fiber LASER For Multi-Wavelength LASER Beam Combining Based DEW System Debasish Mishra, BEL Bangalore, India	Invited: Photonics for Space Autonomy: Range and Velocity to 3D perception Sanjay Mittal, ISRO Bengaluru, Karnataka, India	FOP216: External Grating-induced Band Inversion Trapped State on Optical Nanofiber Golak Bihari Bage, IIT Bhubaneswar, Odisha, India	Invited: Deep-Infrared Ultrafast Femtosecond Parametric Oscillator at 7 μ m Chaitanya Kumar Suddapalli, TIFR Hyderabad, Telangana, India	Invited: Laser solver for computationally hard optimization problems Vishwa Pal, IITRopar, Punjab, India
17:45	FOP182: High-Power femtosecond Dual-Pulse OPO with Tunable Polarization, Wavelength, Delay, and Repetition Rate Anirban Ghosh, PRL Ahmedabad, India IIT Gandhinagar, India		FOP229: Control of Nitrogen-Vacancy Center Emission Using Compact DiscDerived Plasmonic Gratings Faizan H. Lone, IIT Ropar, India		
18:00	FOP195: Glow discharge spectral data analysis with machine learning for accurate identification of gas mixture compositions for CO ₂ lasers Shweta Verma, RRCAT, Indore, India	FOP277: Diamond-like Carbon Antireflection Coatings for Optical C-Band Applications Sirisha J, ISRO Bengaluru, Karnataka, India	FOP237: Deterministic strong light matter interaction in QDs-Bowtie on Silver substrate Sahil Rathi, PRL Ahmedabad, India	FOP070: Development of Low-cost Spectrometer for Pesticide detection using ML Alex Kumar Singh, NIT Delhi, India	FOP019: Selective-State Residual-Based DSP for 2.24 Tbps Coherent DWDM Transmission Kritarth Srivastava, IIT Delhi, New Delh, India
18:15	FOP198: Optical PAM-16 Signal Generation Using Mach-Zehnder Interferometer Manjesh Bhaskar, University of Kalyani, India	FOP278: Design of Compact Multispectral Imaging System for Remote Sensing Applications Madhavi Thakre, ISRO, Ahmedabad, Gujrat,India	FOP249: Flexible SERS-based Hybrid ZIF-8@Copper Nanodendrite Substrates for Real-time Monitoring of Hazardous Molecules V.S. Vendamani, University of Hyderabad, Hyderabad, India	FOP083: Generation and Validation of Phase Screen using Zernike Based Method Diksha Karnatak, IIT (BHU) Varanasi, India	FOP021: Robust 64-Ary Optical Communication through Multimode Fiber Using Scaled LG Modes and Deep Learning Nikhil Vangety, PRL Ahmedabad, India