

Day 2A: Saturday September 26, 2026
LHC 3rd Floor, IIT Delhi

Time	Hall-A	Hall-B	Hall-C	Hall-D	Hall-E
	Hall-A Plenary Session-I Chairs: Ajoy K Ghatak and Anurag Sharma				
10:00	Plenary: G. Ravindra Kumar: <i>Intense Light-Matter Interaction: Sculpted Pulses, Structured Targets, Brighter Sources</i>				
10:45	Plenary: A. Erdmann: <i>3D Mask Effects in EUV Lithography: From Limitation to Opportunity</i>				
11:30	Tea				
	Quantum Photonics-I Chair: R.P. Singh	Biophotonics-I Chair: Joby Joseph	Guided Wave Photonics Chair: Enakshi K Sharma	Optical Imaging Chair: Kedar Khare	Terahertz Photonics-I Chair: R.K. Varshney
12:00	Invited: Quantum sensing using single and entangled photons G. K. Samanta, PRL Ahmedabad, India	Invited: Photonic chips based integrated microscopy and spectroscopy Balpreet Singh Ahluwalia, UiT The Arctic University of Norway, University of Oslo, Norway	Invited: Integrated Processed Fiber-Cavity: Advanced Optical Sensing and Single-Photon Guidance Rajan Jha, IIT Bhubaneswar, Odisha, India	Invited Computational Imaging with Randomness Ryoichi Horisaki, University of Tokyo, Tokyo, Japan	Invited: Far-Field, Near-Field and Time Resolved Terahertz (THz) Spectroscopy of Materials Shriganesh S. Prabhu, TIFR Mumbai, India
12:30	Invited: Photonic Quantum Computing Platform Using Multi-Degree-of-Freedom of Photons C. M. Chandrashekar, IISc Bengaluru, India	Invited: Artificial Intelligence in Clinical Microscopy: Applications Renu John., IIT Hyderabad, Telangana, India	Invited: Demonstration of efficient Brillouin nonlinearities in silica microresonators in the 2 μ m wavelength region Ravi Pant, IISER Thiruvananthapuram, Kerala, India	Invited: Single pixel microscopy: Creating images without a sensor grid Rakesh Kumar Singh, IIT (BHU) Varanasi, Uttar Pradesh, India	Invited: Symmetry-protected bound states in the continuum in terahertz metasurfaces Dibakar Roy Chowdhury, Anurag University, Hyderabad, India
13:00	FOP326: Characterisation of a Biphoton Source for Quantum SuperResolution Imaging Priyanka Kandankel, IIT Bombay, India	FOP027: Near Infrared Imaging system for Tissue Oxygenation and Perfusion Assessment for Diabetic Foot Ulcer A.Keerthana, IIITDM, Kancheepuram, India	FOP169: On-Chip Polarization-Independent Edge Coupler Design for O-Band Operation Sayan Chaki, NIT Warangal, Telangana, India	FOP057: 3D Phase Imaging using Single-View Structured Illumination Nishant Goyal, IIT Delhi, New Delhi, India	FOP201: Photon-Energy-Dependent Terahertz Emission Spectroscopy of Ferrimagnetic Spintronic Heterostructures Mukundadev Behera, IIT Hyderabad, Telangana, India
13:15	FOP327: Quantum dual-interferometer using non-degenerate two-mode squeezed states Priyanka M Kannath, Indian Institute of Space Science and Technology, Thiruvananthapuram, Kerala, India	FOP035: Quantitative assessment of retinal microvasculature density changes in metabolic dysfunction-associated steatotic liver disease with OCT Angiography Abritty Kisku, IIT Delhi, India	FOP172: Inverse-Designed Ultra-Compact Photonic Logic Circuit for Half-Adder Implementation on an SOI Platform Kondeti Shiva Narasimha, CSIR-CSIO, Chandigarh, India. AcSIR Ghaziabad, India	FOP059: Learning Phase Diversity for Robust Computational Imaging Jasleen Birdi, IIT Delhi, New Delhi, India	FOP204: Experimental Demonstration of an Opto-Electronic Self-Interference Cancellation System for 5G In-Band Full Duplex Communication Divya Sree K, Central Research Laboratory, Bharat Electronics Ltd Bangalore, India
13:30		FOP043: Classification of Red Blood Cells using Photothermal Holography Chetna Patel, The M. S. University of Baroda, Vadodara, Gujarat, India	FOP397: Geometric Bloch-Sphere Interpretation of Complete Mode Conversion in a Detuned Directional Coupler Varnam Sherawat, IIT Delhi, New Delhi, India		

Day 2B: Saturday September 26, 2026
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	Quantum Photonics-II Chair: Goutam Samanta	Biophotonics-II Chair: Blapreet Singh Ahluwalia	Optical Fibers Chair: Arun Kumar	Optical Design Chair: Satish K Dubey	Terahertz Photonics-II Chair: S. Prabhu
15:30	Invited: High-dimensional quantum state measurement: foundation and applications Anand K. Jha, IIT Kanpur, India	Invited: Bio-inspired Femtosecond Laser Microstructuring of Polypropylene Surgical Meshes for Biomedical Applications Sivarama Krishnan IIT Madras, Tamil Nadu, India	Invited: High-beam-quality narrowband lasers based on multimode and multicore fibers with FBG cavity Sergey A. Babin, Institute of Automation and Electrometry SB RAS, Novosibirsk, Russia	Invited Principal Azimuths in a General Image-Forming Optical System and Their Uses in Image Assessment Lakshminarayan Hazra, University of Calcutta, Kolkata, India	Invited: Development of THz-based spectroscopy & imaging techniques for characterization of optical, dielectric and surface roughness properties of explosive composites A.K. Chaudhary, University of Hyderabad, India.
16:00	Invited: Free-Space Quantum Communication: Effect of Turbulence RP Singh, PRL, Ahmedabad, India	FOP030: Polarization-Resolved Wide Field-of-View Digital Holographic Microscope Shivam Kumar Chaubey., IIT (BHU), Varanasi, India FOP033: Low-Power Sono-Neurophotonic Control of Calcium-Dependent Synaptic Plasticity in the Brain Nripesh Dixit, Dayalbagh Educational Institute, Agra	Invited: Photodarkening-Resistant Yb-Doped Optical Fibers through Host Glass Engineering Anirban Dhar, CSIR-CGCRI, Kolkata, West-Bengal, India	Invited: Vectorial Exact Ray Tracing: Advancements in the modeling of complex objective lens systems and experimental validation Bosanta R Boruah, IIT Guwahati, Guwahati, Assam	Invited: Emergent Terahertz Functionalities Enabled by Quantum Materials Dhanvir Singh Rana, IISER Bhopal, India
16:30	FOP316: Optical control of NV center charge states for stable quantum sensing Rahul Dhankhar, IIT Ropar, Punjab, India	FOP039: One-Dimensional Photonic Crystal Sensor for Early MGUS Screening Using Tamm Plasmon Resonance Praveen Kumar, Vinoba Bhave University, India.	FOP094: Experimental Demonstration of Fading Mitigation Using Spatial Diversity in Multi-Core Fiber Elisa Prathibha Mathew, IIT Madras, India	FOP060: Optical design of a compact prime focus wide-field corrector using aspherical optics with atmospheric dispersion compensation Totan Chand, Indian Institute of Astrophysics, India	FOP199: A Self-Adaptive Microwave Photonic Anti-Jamming Architecture Based on Stimulated Brillouin Scattering Md Kamran Afroz., IIT Delhi, New Delhi, India
16:45	FOP322: Experimental Realization of a Magneto-Optical Trap for Atom Interferometry-Based Quantum Sensing Applications Kripali Jain., IIT Delhi, India	FOP044: Customization of the through-focus visual Strehl ratio in extended depth of focus intraocular lenses Pritam Pradhan., IISER Berhampur, Odisha, India	FOP107: Bandwidth Evolution under Co- and Counter-Propagating Brillouin Gain and Loss Sharashti Saxena, IIT Delhi, New Delhi, India	FOP061: Optimal support to minimize self-weight deformation for a cylindrical Fabry-Perot cavity Umesh Dhatrak, IIT Goa, India	FOP200: Engineering Ultra-Broadband Terahertz Absorption in Flexible Metamaterials Bhawana Andola, IIT Hyderabad, Telangana, India
17:00		FOP051: Benchmarking Deep Learning Reconstruction Models for SparseView Photoacoustic Tomography on OADAT Dataset Mridul Verma, IIT Hyderabad, India			