

PHOTONICS 2023: TECHNICAL PROGRAM SCHEDULE
 VENUE: J. N. TATA AUDITORIUM, INDIAN INSTITUTE OF SCIENCE, BENGALURU. 05-08, JULY 2023.

Time/Day	DAY 1: 5th, July, Wednesday				CONFERENCE REGISTRATION		
09:00-11:00	09:00-09:20	Doctoral Symposium Ajay Puniya, IISER Bhopal	Tutorial- 1 (Academic) Prof. K. Thyagarajan, (Formerly Professor of Physics, IIT Delhi)	Tutorial-2 (Ansys) Mr. Nikhil Dhingra		Tutorial-3 (Springer) Ms. Kamiya Khatter	
	09:20-09:40	Himanshu Bansal, Dayalbagh Educational Institute, Agra	Title: Integrated Quantum Photonics	Title: Metalens Design: a Complete Workflow using Ansys Lumerical and Ansys Zemax OpticStudio		Publishing in Springer Journals	
	09:40-10:00						Sunaina Rajora, IIT Delhi
	10:00-10:20						Varsha Lohani, IIT Kanpur
	10:20-10:40						Shivani Sharma, IIT Delhi
	10:40-11:00						Niladri Modak, IISER Kolkata
11:00-11:15	Break						
11:15-13:15	Women in Optics : Panel Discussion						
13:15-14:00	Lunch						
14:00-16:00		Tutorial-7 (Optica) Prof. Prem Kumar (Northwestern University, USA) From 2PM-3PM	Tutorial-5 (Academic) Prof. Subhasish Dutta Gupta (TIFR Hyderabad) Title: An Introduction To Plasmonics, Nano optics and Spin optics	Tutorial-4 (Ansys) Mr. Nikhil Dhingra Title: Photonic Integrated Circuit Design: a comprehensive tutorial using Ansys Lumerical	Tutorial-6 (Siemens Healthineers) Dr. Mohiudeen Azhar Title: Optics in Medical Diagnostics-Shedding light on Blood tests		
	16:00-16:30	High-Tea					
16:30-17:45	Inaugural Ceremony + PLENARY TALK-1: Prof. Prem Kumar (Northwestern University, USA)						
17:45-18:15	Session Break						
18:15-19:00	Industry Keynote: Mr. Kailash Narayanan (Senior Vice President, Keysight Technologies)						
19:00-20:00	19:00-19:30	Industry talk-1: Mr. Niloy Roy (Joint Director, ATOS Instruments, Bangalore)					
	19:30-20:00	Industry talk-2: Dr. Daniel Lucking (Global Manager, Distributors/Channel Partners, Thorlabs.inc)					
20:00-21:00	Dinner						

Time/Day	DAY-2: 6th July, Thursday				CONFERENCE REGISTRATION			
9:00-10:30		Session 1A (Quantum optics/photronics-1)	Session 1B (Fibers Applications and Optical Sensors-1)	Session 1C (Lasers and Applications-1)		Session-1D (Optical communication and networks-1)		
	09:00-09:15	Invited Talk-01: Prof. Urbasi Sinha (RRI Bangalore)	Invited talk-03: Prof. Balaji Srinivasan (IIT Madras)	Invited talk-04: Dr. Jagannath Nayak (CHESS Hyderabad)		Invited Talk-05: Prof. Deepa Venkitesh (IIT Madras)		
	09:15-09:30							
	09:30-09:45	Invited Talk-02: Prof. Joyee Ghosh (IIT Delhi)	FOS-01: 1570892151	LA-01: 1570895182		OCN-01: 1570899034		
	09:45-10:00		FOS-02: 1570894840	LA-02: 1570895838		OCN-02: 1570899071		
	10:00-10:15		QOP-01: 1570899076	FOS-03: 1570897973		LA-03: 1570898566	OCN-03: 1570900585	
10:15-10:30	QOP-02: 1570899219		FOS-04: 1570898323	LA-04: 1570898998		OCN-04: 1570901295		
10:30-10:50	Tea/coffee + Snacks							
10:50-11:50	PLENARY TALK-2 : Prof. Donglie Fan (UT Austin, USA)							
11:50-12:00	10 minutes SESSION BREAK							
12:00-13:30		Session 2A (Nanophotonics-1)	Session-2B (Special topics in Photonics-1)	Session 2C (Biophotonics and Bioimaging-1)	Session 2D (Photonic integrated circuits-1)			
	12:00-12:15	Invited talk-06: Prof. Parinda Vasa (IIT Bombay)	Invited talk-08: Prof. Junichiro Kono (Rice University, USA)	Invited talk-10: Prof. Senthil Murugan Ganapathy (Uni. of Southampton, UK)	Invited talk-12: Prof. Naresh Kumar Emani (IIT Hyderabad)			
	12:15-12:30							
	12:30-12:45	Invited talk-07: Prof. Achantha Venugopal (TIFR Mumbai)	Invited talk-09: Prof. Amarendra Kumar Sarma (IIT Guwahati)	Invited talk-11: Prof. Dalip Singh Mehta (IIT Delhi)	Invited talk-13: Prof. Bijoy Krishna Das (IIT Madras)			
	12:45-13:00							
	13:00-13:15					NP-01: 1570898648	STP-01: 1570893555	BB-01: 1570894839
13:15-13:30	NP-02: 1570901637					STP-02: 1570902245	BB-02: 1570898675	PIC-02: 1570898073
13:30-15:00	Lunch and Poster Sessions-1 (P01-P78) and Visits to Industry Booths							
15:00-16:30		Session 3A (Quantum optics/photronics-2)	Session 3B (Fibers Applications and Optical Sensors-2)	Session 3C (Biophotonics and Bioimaging-2)	Session 3D (Nonlinear and Ultrafast photonics-1)			
	15:00-15:15	Invited Talk-14: Prof. Goutam Samanta (PRL Ahmedabad)	Invited Talk-16: Prof. Rajan Jha (IIT Bhubaneswar)	Invited Talk-18: Prof. Basudev Lahiri (IIT Kharagpur)	Invited Talk-19: Prof. Y Adithya Lakshmana (IISER Thiruvanthapuram)			
	15:15-15:30							
	15:30-15:45	Invited Talk-15: Prof. Kasturi Saha (IIT Bombay)	Invited Talk-17: Dr. Sreekanth K. V (ASTAR Singapore)	BB-03: 1570898991	Invited talk-20: Prof. Tarak Nath Dey (IIT Guwahati)			
	15:45-16:00			BB-04: 1570905859				
	16:00-16:15			QOP-03: 1570901332		FOS-05: 1570899177	BB-05: 1570899480	NUP-01: 1570898383
16:15-16:30	QOP-04: 1570901943			FOS-06: 1570899229		BB-06: 1570901369	NUP-02: 1570899104	
16:30-16:50	Tea/coffee + Snacks							
16:50-18:20		Session 4A (Nanophotonics-2)	Session 4B (Special topics in Photonics-2)	Session 4C (Optical metrology, Instrumentation /optofluidics-1)	Session 4D (Optoelectronics-1)			
	16:50-17:05	Invited Talk-21: Prof. Shilpi Gupta (IIT Kanpur)	Invited Talk-22: Prof. Ayan Banerjee (IISER Kolkata)	Invited Talk-23: Prof. Joby Joseph (IIT Delhi)	Invited talk-24: Prof. Krishna Bharadwaj Balasubramanian (IIT Delhi)			
	17:05-17:20							
	17:20-17:35	NP-03: 1570898964	STP-03: 1570894948	OMIO-01: 1570899026	OE-01: 1570899650			
	17:35-17:50	NP-04: 1570898972	STP-04: 1570898336	OMIO-02: 1570899506	OE-02: 1570902221			
	17:50-18:05	NP-05: 1570901690	STP-05: 1570899246	OMIO-03: 1570899653	OE-03: 1570902965			
18:05-18:20	NP-06: 1570896339	STP-06: 1570899415	OMIO-04: 1570901067	OE-04: 1570902669				
18:20-18:30	10 minutes SESSION BREAK							
18:30-20:30	CULTURAL PROGRAM: Yakshagana (A traditional Art from coastal Karnataka)							
20:30-22:00	Dinner							

Time/Day	DAY-3: 7th July, Friday				
	Session 5A (Nanophotonics-3)	Session 5B (Fibers Applications and Optical Sensors-3)	Session 5C (Photonic integrated circuits-2)	Session-5D (Lasers and Applications-2)	
9:00-10:30	09:00-09:15	Invited Talk-25: Prof. Pavan Kumar (IISER Pune)	Invited Talk-27: Prof. B. M. Azizur Rahman (University of London, UK)	Invited Talk-28: Prof. Shailendra K. Varshney (IIT Khargpur)	Invited Talk-29: Dr. Syamsundar De (IIT Kharagpur)
	09:15-09:30				
	09:30-09:45	Invited Talk-26: Prof. Gururaj Naik (Rice University, USA)	FOS-07: 1570902930	PIC-03: 1570899092	LA-05: 1570899043
	09:45-10:00		FOS-08: 1570899441	PIC-04: 1570902069	LA-06: 1570899657
	10:00-10:15	NP-07: 1570901962	FOS-09: 1570899531	PIC-05: 1570902878	LA-07: 1570902854
	10:15-10:30	NP-08: 1570900739	FOS-10: 1570900870	PIC-06: 1570902940	LA-08: 1570902916
10:30-10:50	Tea/coffee + Snacks				
10:50-11:50	PLENARY TALK-3: Prof. Nikolay Zheludev, FRS (University of Southampton, UK & Nanyang Technological University, Singapore)				
11:50-12:00	10 minutes SESSION BREAK				
	Session 6A (Biophotonics and Bioimaging-3)	Session-6B (Special topics in Photonics-3)	Session 6C (Quantum optics/photronics-3)	Session 6D (Opt Mater. and Nanofab. techniques-1)	
12:00-13:30	12:00-12:15	Invited Talk-30: Dr. Amit Jaiswal (IIT Mandi)	Invited Talk-31: Prof. Ranjan Singh (NTU Singapore)	Invited talk-33: Prof. Nikolas Joly (MPI, Erlangen, Germany)	Invited talk-35: Prof. Amit Verma (IIT Kanpur)
	12:15-12:30				
	12:30-12:45	Invited Talk-32: Prof. Asish Arora (IISER Pune, India)	Invited Talk-34: Prof. Bhaskar Kanseri (IIT Delhi)	Invited Talk-33: Prof. Nikolas Joly (MPI, Erlangen, Germany)	Invited talk-35: Prof. Amit Verma (IIT Kanpur)
	12:45-13:00				
	13:00-13:15	BB-08: 1570902019	STP-07: 1570894320	QOP-06: 1570902835	NMN-02: 1570899450
	13:15-13:30	BB-09: 1570902220	STP-08: 1570899601		NMN-03: 1570899476
13:30-15:00	Lunch and Poster Sessions-2 (P79-P156) and Visits to Industry Booths				
	Session 7A (Nanophotonics-4)	Session 7B (Special topics in Photonics-4)	Session 7C (Quantum Optics/Photonics-4)	Session 7D (Nonlinear and Ultrafast photonics-2)	
15:00-17:00	15:00-15:15	Invited Talk-36: Dr. Amit Agarwal (NIST Colorado, USA)	Invited Talk-38: Prof. Nirmal Viswanathan (UoH, Hyderabad, India)	Invited Talk-40: Prof. Anand Kumar Jha (IIT Kanpur)	Invited Talk-42: Prof. Sunil Kumar (IIT Delhi)
	15:15-15:30				
	15:30-15:45	Invited talk-37: Prof. Shourya Dutta Gupta (IIT Hyderabad)	Invited Talk-39: Prof. Nirmalya Ghosh (IISER Kolkata, India)	Invited Talk-41: Prof. Fabien Bretenaker (CNRS France)	Invited Talk-43: Prof. Amit Agarwal (IIT Kanpur)
	15:45-16:00				
	16:00-16:15	NP-10: 1570900683	STP-09: 1570902301	QOP-08: 1570902960	NUP-04: 1570900163
	16:15-16:30	NP-11: 1570902060	STP-10: 1570902801	QOP-09: 1570902155	NUP-05: 1570902659
	16:30-16:45	NP-12: 1570902174	STP-11: 1570902926	QOP-10: 1570895626	NUP-06: 1570909634
	16:45-17:00		STP-12: 1570902963		
17:00-17:20	Tea/coffee + Snacks				
17:20-20:00	17:20-17:50	Industry Session: Talk-1: Dr. Parama Pal (TCS)			
	17:50-18:20	Industry Session: Talk-2: Dr. Katsumoto Ikeda (Ansys, Japan)			
	18:20-18:50	Industry Session: Talk-3: Hind High Vacuum (HHV) India			
	18:50-19:00	10 minutes SESSION BREAK			
	19:00-20:00	Industry Session: Panel Discussion lead by Ms. Smriti Sakamuri (HHV)			
20:00-22:00	Conference Banquet dinner @ J.N Tata, Sponsored by Hind High Vacuum (HHV)				

CONFERENCE REGISTRATION

Time/Day	DAY-4: 8th July, Saturday				
	Session 8A (Nanophotonics-5)	Session 8B (Lasers and Applications-3)	Session 8C (Special topics in Photonics-5)	Session 8D (Fibers and Optical Sensors-4)	
9:00-10:30	09:00-09:15	Invited Talk-44: Prof. Ranjani Viswanatha (JNCASR Bangalore)	Invited Talk-46: Prof. Sriganesh Prabhu (TIFR Mumbai, India)	FOS-11: 1570901791	
	09:15-09:30				LA-09: 1570899661
	09:30-09:45	Invited Talk-45: Prof. R. Vijaya (IIT Kanpur)	Invited Talk-47: Prof. Gagan Kumar (IIT Guwahati, India)	FOS-13: 1570902196	
	09:45-10:00				LA-10: 1570902262
	10:00-10:15	NP-13: 1570902275	LA-11: 1570902918	STP-13: 1570902288	FOS-15: 1570902074
	10:15-10:30	NP-14: 1570902375	LA-12: 1570902936	STP-14: 1570902950	FOS-16: 1570900915
10:30-10:50	Tea/coffee				
10:50-11:50	PLENARY TALK-4: Prof. George Thomas (IISER Thiruvanthapuram)				
11:50-12:00	10 minutes SESSION BREAK				
	Session 9A (Nanophotonics-6)	Session-9B (Optical metrology, Instrumentation/optofluidics-2)	Session 9C (Optical communication and networks-2)	Session 9D (Fibers and Optical Sensors-5)	
12:00-13:30	12:00-12:15	Invited Talk-48: Prof. Dibakar R Choudhuri (Mahindra Uni. Hyderabad)	Invited Talk-49: Prof. Sai Siva Gorthi (IISc Bengaluru)	OCN-05: 1570901543	
	12:15-12:30				OCN-06: 1570901702
	12:30-12:45	NP-15: 1570902886	OMIO-05: 1570902183	OCN-07: 1570901846	FOS-18: 1570902482
	12:45-13:00	NP-16: 1570902896	OMIO-06: 1570902938	OCN-08: 1570902059	FOS-19: 1570902891
	13:00-13:15	NP-17: 1570902268	OMIO-07: 1570902967	OCN-09: 1570902067	FOS-20: 1570902910
	13:15-13:30	NP-18: 1570902767	OMIO-08: 1570902294	OCN-10: 1570902162	FOS-21: 1570902968
13:30-15:00	Lunch and Poster Sessions-3 (P157-P241) and Visits to Industry Booths				
15:00-15:30	ISOI Special Lecture by Prof. Rajpal S Sirohi				
15:30-16:30	ISOI Contributed Talks				
16:30-17:15	Closing Ceremony				
17:15-17:30	Tea/coffee				
17:30-19:00	Discussion: Scientific Journals and Publications in India				
19:00-21:00	Dinner				