

# Women in Optics and Photonics in India 2024

Venue: PC Saxena Auditorium, IIT Bombay

6-8 December 2024

## Schedule

6th December 2024 (Friday)	
2:00 PM - 4:00 PM	Registration and High Tea
2:30 PM - 3:30 PM	Pre-conference tutorial: Image Processing- an AI/ML approach (GISE)
Session Chair – Prof. Shobha Shukla, IIT Bombay	
4:00 PM - 4:15 PM	Inauguration (Director, IITB) and Welcome speech by Local Organizing Committee
4:20 PM - 5:05 PM	Institute Colloquium Talk By Dr. Tessy Thomas, Former Director General of Aeronautical Systems (AS) at DRDO <i>Title: Opportunities and Challenges for Women Scientists in Defence Research Sector</i>
5:10 PM - 5:55 PM	Prof. Ashutosh Sharma, President of INSA and Former Secretary of DST, Government of India <i>Title: Diversity &amp; Sustainability: Structure and Processes of S&amp;T with Policies and Perspectives on Women in Science</i>
6:00 PM - 7:00 PM	Leadership Workshop by Prof. Anita Mahadevan- Jansen, Vanderbilt University
7:00 PM - 7:45 PM	Poster Session: I (Core Optics and Sensors) and Tea Break
7:45 PM - 8:30 PM	Cultural event
8:30 PM - 10:00 PM	Dinner (Venue: SOM well)
7th December 2024 (Saturday)	
8:00 AM - 9:00 AM	Registration
Session I: Biophotonics Chair: Prof. Sujatha Narayanan Unni, IIT Madras	
9:00 AM - 9:25 AM	Talk 1: Prof. Seemantini Nadkarni, Harvard Medical School
9:30 AM - 9:55 AM	Talk 2: Dr. Yogambha Ramaswamy, University of Sydney
9:55 AM - 10:10 AM	Tea Break

<b>10:10 AM - 11:10 AM</b> <b>Moderator: Ms. Jayshree Nayak, IIT Bombay</b> <b>Co-Moderator: Ms. Subhra Priyadarshini, Nature India</b>	<b>Panel discussion I (Entrepreneurship): Women Entrepreneurs: Breakthroughs and Challenges</b> <ol style="list-style-type: none"> <li>1. Dr. Rajul Patkar, CEO, Proximal Soilsens</li> <li>2. Ms. Kaveri Hukku, CEO, ATOS (online)</li> <li>3. Prof. Anuradha Narasimhan, IIT Bombay</li> <li>4. Prof. Leena Vachhani, IIT Bombay</li> <li>5. Ms. Poyni Bhatt, Former CEO, SINE, IIT Bombay</li> </ol>
<b>Session II: Nanophotonics and Metamaterials</b> <b>Chair: Prof. Deepak Marla, IIT Bombay and Prof. Jayeeta Lahiri, BHU</b>	
<b>11:15 AM - 11:40 AM</b>	<b>Talk 3: Prof. Priya Rose, CUSAT, Kerala</b>
<b>11:45 AM - 12:10 PM</b>	<b>Talk 4: Prof. Parinda Vasa, IIT Bombay</b>
<b>12:15 PM - 1:00 PM</b>	<b>Poster Session II: Applied Optics, Photonics and Biophotonics</b>
<b>1:00 PM - 2:00 PM</b>	<b>Lunch (Venue: SOM Well)</b>
<b>2:00 PM - 3:00 PM</b> <b>Moderator: Prof. Anindya Datta, IIT Bombay</b> <b>Co-Moderator: Prof. Anita Mahadevan-Jansen, Vanderbilt University</b>	<b>Panel discussion II (Editorial): Do's and Don'ts to publish?</b> <ol style="list-style-type: none"> <li>1. Ms. Subhra Priyadarshini, Nature India</li> <li>2. Dr. Gayatri Phadke, Wiley</li> <li>3. Prof. Deepa Venkitesh, IIT Madras</li> <li>4. Dr. Neha Jha, ACS</li> <li>5. Dr. Bulbul Maira, Elsevier</li> </ol>
<b>Session III: Optical Fabrication</b> <b>Chair: Prof. Jyoti Kedia, PEC and Prof. Sumit Saxena, IIT Bombay</b>	
<b>Talk 5: Climbing the Summit: Lessons from Women at the Top</b>	
<b>3:05 PM - 3:15 PM</b>	<b>Ms. Kaveri Hukku, CEO, ATOS (online)</b>
<b>3:15 PM - 3:25 PM</b>	<b>Dr. Nagajyoti Koripella, Pro-VC, Research programs, BESTIU</b>
<b>3:25 PM - 3:35 PM</b>	<b>Ms. Sonal Agrawal, CEO, Laser Science</b>
<b>3:40 PM - 4:05 PM</b>	<b>Talk 6: Prof. Dharitri Rath, IIT Jammu</b>
<b>4:05 PM – 4:20 PM</b>	<b>Tea break</b>
<b>4:20 PM – 5:25 PM</b> <b>Moderator: Dr. Neha Jha, ACS</b> <b>Co-Moderator: Prof. Pratibha Sharma, IIT Bombay</b>	<b>Panel Discussion III: Personal Safety in Academia and Society</b> <ol style="list-style-type: none"> <li>1. Prof. Jayeeta Lahiri, BHU</li> <li>2. Dr. Rupa Vasudevan, Chancellor -BEST University</li> <li>3. Ms. Sonal Agrawal, CEO, Laser Science</li> <li>4. Dr. Priyanka Sabherwal, Transasia Bio-Medicals Ltd.</li> <li>5. Ms. Elsa Marie D'Silva, Red Dot foundation</li> </ol>
<b>Session IV: Applications in Photonics</b> <b>Chair: Prof. Karthik Sasihithlu, IIT Bombay and Prof. Leena Vachhani, IIT Bombay</b>	

<b>5:30 PM – 5:55 PM</b>	<b>Talk 7: Prof. Deepa Venkitesh, IIT Madras</b>
<b>6:00 PM – 6:25 PM</b>	<b>Talk 8: Prof. Aswani Yella, IIT Bombay</b>
<b>6:30 PM – 7:30 PM</b>	<b>3 Minute Thesis Presentations</b>
<b>7:30 PM- 9:00 PM</b>	<b>Dinner (Venue: Padmavihar Guest House)</b>
<b>8th December (Sunday)</b>	
<b>9:00 AM – 10:00 AM</b> <b>Moderator: Prof. Deepa Venkitesh (Publishing aspect) and Ms. Rashmi, IIT Bombay (Policy aspect)</b>	<b>Panel discussion IV: Policies for women researchers and Career in publishing</b> <ol style="list-style-type: none"> <li>1. Ms. Kamiya Khatter, Springer Nature</li> <li>2. Dr. Nidhi Singh, ICMR</li> <li>3. Ms. Famida Khan, INSA</li> <li>4. Ms. Gayathri Thakoor, CEO, Learn Through Stories (LeTS) Foundation</li> <li>5. Prof. P. Bineesha, International Institute of Waste Management</li> </ol>
<b>Session Chair: Prof. Shobha Shukla and Prof. Aswani Yella, IIT Bombay</b>	
<b>10:05 AM - 10:30 AM</b>	<b>Talk 9: Dr. Sumana SenGupta, BARC</b>
<b>10:35 AM - 11:00 AM</b>	<b>Talk 10: Prof. Jayeeta Lahiri, BHU</b>
<b>11:00 AM - 11:20 AM</b>	<b>High Tea</b>
<b>11:20 AM - 12:20 PM</b> <b>Moderator: Prof. Anita Mahadevan-Jansen, Vanderbilt University</b> <b>Co-moderator: Prof. P. Bineesha, IIWM</b>	<b>Panel Discussion V: Balancing the equation - Allies in advancing women in optics and photonics</b> <ol style="list-style-type: none"> <li>1. Mr. Ashok Sharma, L&amp;T</li> <li>2. Prof. Sumit Saxena, IIT Bombay</li> <li>3. Prof. E. Duco Jansen, Vanderbilt University</li> <li>4. Mr. Sumit Sen, CEO, GISE, IIT Bombay</li> <li>5. Mr. Vikas Soude, Senior Sales Manager, Protium Finance Ltd</li> </ol>
<b>12:25 PM - 1:10 PM</b>	<b>Talk 11: Entrepreneurial Storytelling by Ms. Gayathri Thakoor, CEO, Learn Through Stories (LeTS) Foundation</b>
<b>1:10 PM onwards</b>	<b>Valedictory function and Awards</b>