

## Technical Program Schedule – FiOTP 2023 (9:30 AM – 5 PM)

May 12, 2023

Registration (9:00 AM – 9:30 AM)

Inauguration 9:30 AM – 9:45 AM

Venue: Conference Hall: 1

Technical Session - I: TITLE (9:45 AM -1:00 PM)

Session Chair: T B A

9:45 AM – 10:25 AM	<b>Prof. Bosanta Ranjan Boruah, IIT Guwahati, Assam</b> <i>Title: Optical Trapping with Vortex Beams</i>
10:25 AM-10:45 AM	Tea
10:45 AM – 11:25 AM	<b>Prof. Ranjan Singh, Nanyang Technological University, Singapore</b> <i>Title: Ultrafast Terahertz Spintronics: From Electrical Control to Chiral Emission of Light</i>
11:25 AM – 12:05 PM	<b>Dr. Kanhaiya Pandey, IIT Guwahati, Assam</b> <i>Title: Cold Atoms and its applications in Quantum Technology</i>
12:05 PM – 12:15 PM	<b>Optics and Photonics Lab facilities at IIT Guwahati</b>
12:15 PM – 12:45 PM	<b>Dr Anuraj Panwar, IIIT Noida</b> <i>Title: Tunable Electromagnetic Induced Transparency in Terahertz Metamaterials</i>
	Group Photo
12:45 PM – 2:00 PM	Lunch (Mini Audi Foyer)
	Technical Session - II: TITLE (2:00 PM - 5:00 PM) Session Chair: T B A
2:00 PM –2:40 PM	<b>Dr Gagan Kumar</b> <i>Title: Terahertz Photonics</i>
2:40 PM – 3:20 PM	<b>Dr Ashwini Kumar Sharma, IIT Guwahati</b> <i>Title: Laser Matter Interaction</i>
3:20 PM – 3:35	Tea
3:35 PM – 4:15 PM	<b>Dr Mukesh Jewariya, CSIR-National Physical Laboratory-New Delhi</b> <i>Title: TBA</i>
4:15 PM – 4:55 PM	<b>Dr Debabrata Sikdar, IIT Guwahati</b> <i>Title: Overview of Nano-Photonics and Metamaterials</i>
4:55 PM – 5:05 PM	Valedictory