

Eighth Workshop on
Optics & Photonics:
Theory & Computational Techniques (OPTCT)

March 22-23, 2025, IIT Delhi

Theory and computational techniques play a very important role in the development of applications of optics and photonics. This workshop would provide a platform to researchers engaged in theory and computational techniques in various areas of photonics including classical optics, guided wave optics, imaging, quantum optics and nonlinear optics. In computation techniques, the emphasis would be on methodology, algorithm, coding interface, novel applications, novel designs and not on routine applications of techniques and commercial softwares. Earlier Workshops were held at IIT Delhi (2017, 2019, 2021, 2022) and IIT Roorkee (2018, 2020, 2024).

The Workshop will consist of talks and posters. Talks would be of 20 min duration and would present the basics as well as the latest developments of a topic. 3-4 talks on related topics would form a session and 20-30 min would be devoted at the end of session for discussion and comments on the talks. Talks would be typically given by researchers who have contributed significantly on the subject. Posters would present the latest results and significant achievements. Researchers would be encouraged to bring their laptops to demonstrate their results along with posters. There is also a possibility of a demonstration session, if enough interest is generated.

The Workshop is open to researchers and students contributing to and/or interested in theory and computations in optics and photonics.

Proposals are invited for regular talks. One page write-up of the presentation along with a brief biography (100 words maximum, separately) of the presenter should be submitted. Similarly, a one page write-up should be submitted for short talks. One page write-up should be formatted on A4 page with 2.54 cm (1 inch) margin on all 4 sides (normal margin). All text should be in Arial font. The title should be 12pt bold with each major word capitalized. Authors and address should be in 11pt and 10pt respectively. All these should be centralized. The remaining text should be in 10 point. There should be an abstract of maximum 50 words and should be italicized. The references should be in 8pt. Both Word and PDF formatted files should be submitted.

Last date for submissions:	February 28, 2025
Notification of acceptance:	March 10, 2024
Notification of Programme:	March 14, 2025

The Registration Fee for students is Rs. 1800 and is Rs. 4000 (incl. GST) for others. Accommodation has to be arranged by participants. Organizers can only help to a limited extent.

All submissions must be sent to: iitdphotonics@gmail.com

Updated information about the OPTCT will be available in due course on <https://opc.iitd.ac.in/olc>

For further enquiry, please contact: Professor Anurag Sharma, Optics and Photonics Centre, Indian Institute of Technology Delhi, New Delhi – 110 016. Email: asharma@iitd.ac.in.

Workshop Committee: Anurag Sharma (Convener), R.K. Varshney (IITD), Vipul Rastogi (IITR), P. Roy Chaudhury (IITKGP), Kedar Khare (IITD), E.K. Sharma (Delhi Univ.), S. Anantha Ramakrishna (IITK), Kirankumar Hiremath (IIT Jodhpur), Ranbir Mandal (IRDE), Parvendra Kumar (IITD), L.N. Hazra (Cal. Univ.)

Organized by



Supported by



www.osiindia.org



NASI Delhi Chapter

Co-sponsored by

