

Workshop on
Optics & Photonics: Theory & Computational Techniques (OPTCT)
March 14-15, 2020, IIT Kharagpur

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 software.

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 in the general area of theory and computations in optics and photonics.

Proposals are invited for talks. One page write-up of the presentation along with a brief biography (100 words maximum) of the presenter should be submitted. Similarly, a one page write-up should be submitted for the poster. 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.

All submissions must be sent to: OPTCT2020@phy.iitkgp.ac.in

The Registration Fee for students is Rs. 2000 and is Rs. 3500 for others. Accommodation will be arranged by organisers with a request/requisition from the participants.

Last date for submissions :	February 10, 2020
Notification of acceptance :	February 15, 2020
Notification of Programme:	February 29, 2020
Registration closes on :	March 07, 2020

For further enquiry, please visit <http://www.cts.iitkgp.ac.in/OPTCT2020/>. Contact: Professor Partha Roy Chaudhuri, Physics Department, Indian Institute of Kharagpur, Kharagpur – 721 302.
Email: roycp@phy.iitkgp.ac.in ; kiranbhaktha@phy.iitkgp.ac.in

For Registration, please sign-up at this link: <https://erp.iitkgp.ac.in/CEP/courses.htm> . After Sign-up, please apply for the Workshop Titled *OPTCT2020*.

Workshop Committee: Anurag Sharma (IITD), Vipul Rastogi (IITR), P. Roy Chaudhuri (IITKGP), E.K. Sharma (Delhi Univ.), R.K. Varshney (IITD), Kedar Khare (IITD), L. N. Hazra (Calcutta Univ.), S. Anantha Ramakrishna (IITK).

Local Organising Committee: P. Roy Chaudhuri (Convener), S. N. B. Bhaktha (Secretary), Sonjoy Majumdar (Joint Secretary), Manoj M. Brundavanam (Technical Secretary), Sajal Dhara (Member), Achintya Dhar (Member), Prasanta Kumar Datta (Member), Samudra Roy (Member).