



# The 5th IEEE International Conference on Telecommunications and Photonics (ICTP) 2023

December 21-23, 2023

Dept. of EEE, Bangladesh University of Engineering and Technology (BUET)  
Dhaka, Bangladesh



The 5th IEEE International Conference on Telecommunications and Photonics (ICTP) 2023 is the specialized conference on Communication Engineering and Photonics in Bangladesh which will be organized by IEEE ComSoc Bangladesh Chapter with technical co-sponsorship from Optica Bangladesh Section (formerly OSA Bangladesh Section) and IEEE Photonics Society Bangladesh Chapter. ICTP will bring together individuals from academia, research organizations and industry worldwide to discuss and share ideas, and to present their latest findings, innovations, and experiences in the areas of Telecommunication Engineering and Photonics. Prospective authors are invited to submit original technical papers for presentation at the conference. The Technical Program will be held on December 21-23, 2023 in hybrid mode. Only the accepted and presented papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. IEEE Conference Record Number: **60248**

## Scope

ICTP 2023 invites papers from all areas of Telecommunications and Photonics. The topics of interests are including but not limited to:

- Ad-hoc and Sensor Networks
- Bioinformatics
- Big Data
- Cognitive Radio and Software Defined Radio
- Computer Networks and Internet
- Communication Theory and Systems
- Green Communication
- Information Technology
- Internet of Things (IoT)
- Multimedia Communications, Systems, and Applications
- Microwave and Radar Engineering
- Millimeter Wave Communications
- Network Security and Cryptography
- Optical Communications and Networks
- Quantum Communications
- Satellite Communications
- Signal Processing for Communication
- Smart Grid Communications
- Teleinformatics
- Wireless Communications and Networks
- Vehicular Communications
- Biophotonics
- Displays and Lighting Systems
- Guided Wave Photonics
- Microwave Photonics
- Nonlinear and Ultrafast Optics
- Nanophotonics
- Optical Micro/Nano Resonators and Devices
- Optical Interconnects
- Photonic Materials, Processes, Integration and Packaging
- Photonic Crystal Devices
- Photodetectors, Sensors, and Imaging
- Plasmonics
- Silicon Photonics
- Solid State and Semiconductor Lasers and Sources
- Terahertz Sources and Applications

Papers (camera-ready full paper in PDF format not exceeding 5 pages of A4 size paper) prepared in the prescribed format are to be submitted online through the conference website. The paper templates are available at the conference website. Papers will be accepted based on the double-blind peer review process.

## Contact



[ieeectp2023@buet.ac.bd](mailto:ieeectp2023@buet.ac.bd)



<http://ieee-ictp.buet.ac.bd>

## International Advisory Committee

- Alexandra Boltasseva, Purdue University, USA
- B. M. Azizur Rahman, City, University of London, UK
- Ekram Hossain, University of Manitoba, Canada
- Jeffrey H. Reed, Virginia Tech, USA
- Ranjan Gangopadhyay, The IIT, India
- Salah Obayya, Zewail City of Science and Technology, Egypt
- Saif Islam, University of California Davis, USA
- Selim Shahriar, Northwestern University, USA

## Conference Committee

- General Chair** : Ramjee Prasad, Arhus University, Denmark
- Chief Patron** : Satya Prasad Majumder, Vice Chancellor, BUET
- Organizing Chair** : Md. Saiful Islam, BUET
- Organizing Co-Chair** : Md. Forkan Uddin, BUET
- Organizing Secretary** : Md. Zahurul Islam, BUET
- Technical Chair** : Md. Imamul H. Bhuiyan, BUET
- Technical Co-Chair** : Mohammad Faisal, BUET
- Technical Secretary** : Sajid Muhaimin Choudhury, BUET
- Publication Chair** : Raqibul Mostafa, UIU
- Treasurer** : Lutfa Akter, BUET

## Important Dates

- Technical Paper Submission : **October 08, 2023** August 30, 2023
- Notification of Acceptance : November 9, 2023
- Camera Ready Submission : November 25, 2023
- Registration : December 1, 2023
- Submission of Proposals for Tutorials and Workshops : September 10, 2023

## Registration Fee

Category	Local (BDT)	Foreign (US\$)
IEEE Member	7500	200
Non-IEEE Member	9000	250
Student (IEEE Member)	5000	150
Student (non-IEEE Member)	6000	175
IEEE Life Member	5000	150

Organized by



Technical Co-sponsors



Supported by



Dept. of EEE, BUET