

Technical Program Schedule – FiOTP 2024 (9:00 AM – 5:30 PM)

May 13, 2024

Venue: Conference Hall 1, IIT Guwahati

Registration (9:00 AM – 9:30 AM)

Inauguration 9:30 AM – 9:45 AM

Technical Session - I: (9:45 AM -10:30 AM)

Session Chair: Prof. Kanhaiya Pandey

09:45 AM – 10:30 AM

Prof. Shriganesh Prabhu, TIFR Mumbai

Title: Far Field and Near Field Tera-Hertz Spectroscopy of Materials.

10:30 AM – 11:00 AM

Tea

Technical Session - II: (11:00 AM - 1:10 PM)

Session Chair: Prof. Ashwini Kumar Sharma

11:00 AM – 11:30 AM

Dr. Suraj P. Khanna, CSIR-NPL, Delhi

Title: Advances in Terahertz QCLs

11:30 AM – 12:00 PM

Dr. Vibhav Bharadwaj Shivakumar, IIT Guwahati

Title: Integrated Quantum Photonics in Diamond using Femtosecond Laser Writing

12:00 PM - 12:10 PM

Optics and Photonics Lab facilities at IIT Guwahati

12:10 PM – 12:40 PM

Dr. Mukesh Jewariya, CSIR-NPL, New Delhi

Title: Terahertz standard for THz frequency region

12:40 PM – 1:10 PM

Dr. Anuraj Panwar, IIIT Noida

Title: Tunable Electromagnetically Induced Transparency in Terahertz Metamaterials

1:10 PM – 02:30 PM

Lunch (Conference Hall Foyer)

Technical Session - III: (2:30 PM - 5:30 PM)

Session Chair: Dr. Mahima Arrawatia

02:30 PM – 03:00 PM

Prof. Gagan Kumar, IIT Guwahati

Title: Design and Development of Broadband Terahertz Metamaterials for Applications in 6G

03:00 PM – 03:30 PM

Mr. Aklesh Meena, SSPL-DRDO

Title: MEMS Technology and THz application

03:30 PM – 05:00 PM

Central Instrumentation Facility (CIF) and Centre for Nanotechnology Lab Visit, IIT Guwahati

05:00 PM – 05:15 PM

Tea

05:15 PM – 05:30 PM

Valedictory