

Program HPFL-2020

Workshop on “High Power Fiber Lasers: Opportunities and Challenges”,
27 – 28 February, 2020

Day 1 Venue: Meghnad Saha Auditorium	27 th February
Registration	09:30 AM - 10:30 AM
Inauguration Ceremony	10:30 AM - 11:15 AM
High Tea	11:15 AM - 11:45 AM
Key Note Lecture Title: “High Power Fiber Lasers for Industrial Applications: Current Status, Challenges and Future Prospects” Prof. M N Zervas, University of Southampton, UK	11:45 AM - 01:00 PM
Lunch Break	01:00 PM - 02:00 PM
Technical Session 1 (02:00 PM - 04:30 PM)	
Plenary Lecture Shri H B Shrivastava, LASTEC-DRDO, Delhi	02:00 PM - 03:00 PM
Title: “High Power Laser Based Anti-Drone System – An Assessment “ Dr. Jagannath Nayak, CHES-DRDO, Hyderabad	03:00 PM - 03:45 PM
Title: “High Power, Narrow-Linewidth Fiber Lasers: Controlling Stimulated Brillouin Scattering in a Systemic Level” Prof. V R Supradeepa, IISc Bengaluru	03:45 PM - 04:30 PM
Tea Break	04:30 PM - 04:45 PM
Technical Session 2 (04:45 PM – 07:00 PM)	
Title: “Shaping The Future Through Fiber Laser Technology” Dr. Arvind Patel, SLTL, Gandhinagar	04:45 PM - 05:30 PM
Title: “Development of High Power Fiber Lasers at RRCAT: Challenges and Opportunities” Dr. B. N. Upadhyay, RRCAT, Indore	05:30 PM - 06:15 PM
Title: “Activities on Fibers Lasers at CGCRI” Dr. Mrinmay Pal, CGCRI	06:15 PM - 07:00 PM
Conference Dinner	07:00 PM - 09:00 PM

Program HPFL-2020

Workshop on “High Power Fiber Lasers: Opportunities and Challenges”,
27 – 28 February, 2020

Day 2 Venue: APC Roy Seminar Hall		28 th February
Technical Session 3 (10:00 AM - 11:45 AM)		
Plenary Lecture Title: “New Regimes of Fiber-Laser Power Scaling”		10:00 AM - 11:00 AM
Prof. Johan Nilsson, University of Southampton, UK		
Title: “Laser Materials Interaction”		11:00 AM - 11:45 AM
Prof. Ashish Kumar Nath, IIT Kharagpur		
Tea Break		11:45 AM - 12:00 PM
Technical Session 4 (12:00 PM - 01:30 PM)		
Title: “Laser Beam Propagation and Beam Shaping”		12:00 PM - 12:45 PM
Prof. Kallol Bhattacharya, University of Calcutta		
Title: “Translating R&D to Commercial Product”		12:45 PM - 01:30 PM
Dr. Suresh Nair. K.R., NeST Group, Cochi		
Lunch Break		01:30 PM - 02:30 PM
Technical Session 5 (02:30 PM – 03:15 PM)		
Title: “Specialty Fiber Activities at CGCRI”		02:30 PM - 03:15 PM
Dr. M.C. Paul, CGCRI		
Industry Presentation (03:15 PM – 04:15 PM)		
Tea Break		04:15 PM - 04:30 PM
Interaction with Participants		04:30 PM - 05:00 PM
Valedictory Session		05:00 PM - 05:30 PM
Lab Visit		05:30 PM - 07:00 PM
Conference Dinner		07:00 PM - 09:00 PM