



HIGH POWER LASERS AND APPLICATIONS

ONE-DAY SYMPOSIUM

TIFR-HYDERABAD, AUGUST 29, 2025

TIME	ACTIVITY
10:00 – 10:10	WELCOME ADDRESS: CENTER DIRECTOR, TIFRH (M. KRISHNAMURTHY)
10:10 – 10:30	G. RAVINDRA KUMAR (TIFR-MUMBAI) HIGH ENERGY DENSITY SCIENCE, SHOCKS AND BEYOND
10:30 – 10:50	PRASHANT SINGH + CHAITANYA KUMAR SUDDAPALLI (TIFR-HYDERABAD) NOVEL LIGHT SOURCES FOR SCIENCE AND APPLICATIONS
10:50 – 11:10	BALAJI SRINIVASAN, (IITM, CHENNAI) DIRECTED ENERGY LASER SOURCES BASED ON COHERENT BEAM COMBINING
11:10 – 11:30	JAGANNATH NAYAK, (DIRECTOR CHESS, HYDERABAD) FROM LIGHT TO LETHALITY: HIGH-POWER LASERS FOR DEW SYSTEMS
11:30 – 11:45	TEA/COFFEE BREAK
11:45 – 12:45	BRAINSTORMING SESSIONS (CLOSED DOOR)
12:45 – 13:45	LUNCH BREAK
13:45 – 14:30	LAB VISITS: INTENSE LASER (KHZ), MID-IR LAB, PETAWATT (TRISHUL)
15:00 – 16:00	PROF. A. SIVATHANU PILLAI (FOUNDER CEO & MD BRAHMOS AEROSPACE, 1995-2014) COLLOQUIUM: FUSION OF TECHNOLOGIES
16:00 – 16:30	CONCLUSIONS & HIGH-TEA