

Seminar

Overview of cryogenic laser activities at 1 and 2 μm wavelength region

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In this seminar, I will give an overview of various cryogenic laser activities that I had been conducted at HILASE centre, Czech Republic. It includes optical spectroscopy and continuous-wave laser characteristics of various Ytterbium and Thulium doped gain materials at different cryogenic temperatures, development of diode laser pumped cryogenic oscillator and multi pass amplifier systems in the 1 & 2 μm wavelength region, and development of novel broadband gain materials for high average and high peak power (HAPP) laser systems.

Tuesday, Jan 21st 2025

16:00 Hrs (Tea / Coffee 15:45 Hrs)

Auditorium, TIFRH