



DEPARTMENT OF PHYSICS
INDIAN INSTITUTE OF TECHNOLOGY
KANPUR

PHYSICS COLLOQUIUM

QUANTUM THEORY OF MATERIALS: METHODS AND APPLICATIONS

Abstract

In this talk, I will discuss the use of first principles approaches for understanding and predicting ground- and excited-state phenomenon in materials. I will focus on optical excitations, with particular attention to the theoretical description of double excitations in condensed matter systems.

Speaker :



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 FB 382 (AMAL KUMAR RAYCHAUDHURI
SEMINAR ROOM)

 FRIDAY, SEPTEMBER 12, 2025

 5:15 PM (REFRESHMENTS AT 5:00 PM)

ALL ARE CORDIALLY INVITED

