

MONDAY

# COLLOQUIUM

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## Dark Matter: From Missing Mass to a Chemical Question

Basudeb Dasgupta (TIFR, Mumbai)

16 Mar 2026 (Monday) | 16:00 Hrs (Tea / Coffee 15:45 Hrs) | Venue: TIFRH Auditorium

Diverse lines of evidence, from nearby galaxies to the edge of the observable Universe, show that most of the matter in the cosmos is invisible. This dark matter is neither made of familiar atoms nor described by any known elementary particle; instead, it points to something new. We are thus faced with a fundamentally chemical question: What is the dark made of, and how might we uncover it? I will discuss the current status of this central problem in fundamental physics.