



# INFOSYS LECTURE SERIES

## Theoretical Astroparticle and Neutrino Physics

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### Abstract:

In these lectures, we introduce several important topics in modern astroparticle physics, starting with a brief introduction to Big Bang cosmology (including inflation), followed by a discussion of dark matter and the prospects for its detection. The second part of the lecture will be devoted to neutrinos, both in cosmology and astrophysics, and in terrestrial oscillation experiments.

March 8 – March 14, 2024, Timings (TBA)

Venue: HRI Auditorium

