

Seminar

Institute for Plasma Research

Title: The Rocky Moon and Icy Enceladus: Lessons for Earth

Speaker: Dr. Deepak Dhingra
Department of Earth Sciences,
Indian Institute of Technology Kanpur

Date: 19th November 2025 (Wednesday)

Time: 11.00 AM

Venue: Seminar Hall, IPR

Online Link: <https://bharatvc.nic.in/join/7958694699>

(Conference ID: 7958694699; Password: 452782)

Abstract

Planetary bodies across the solar system have their own distinct character, defined by the various evolutionary paths that they have taken through time. Our Earth represents only one such path. Fortunately, the Earth's evolution led to evolution of life. However, we are yet to understand the how life originated on our Earth. Part of the problem is the active nature of the Earth as a result of which many old records are lost. In order to find answers to some of these questions related to evolution and life, other planetary bodies can provide critical insights, learning from their evolutionary history. I will tie together learnings from Earth's Moon and Saturn's moon Enceladus, to highlight their evolutionary history, some of which may be directly relevant to our Earth.
