

A One Day Symposium

ADVANCES IN
COMPUTATIONAL ASTROPHYSICS

11 APRIL 2025

Organised by Centre of High Performance Computing, IISER Thiurvananthapuram

VENUE: PHYSICS SEMINAR HALL

<i>Time</i>	<i>Program Schedule</i>
10:00 am	Inauguration by Honourable Director <i>Prof. J. N. Moorthy</i>
10:30 am - 11:30 am	Talk 1 - <i>Prof. Prantika Bhowmik, IISc, Bangalore</i>
11:30 am - 12:00 pm	<i>Tea - Coffee Break</i>
12:00 pm - 1:00 pm	Talk 2 - <i>Prof. Dipanjan Mukherjee, IUCAA, Pune</i>
1:00 pm - 2:00 pm	<i>Lunch Break</i>
2:00 pm - 3:00 pm	Talk 3 - <i>Prof. Indranil Chattopadhyay, ARIES, Nainital</i>
3:00 pm - 3:30 pm	<i>Tea - Coffee Break</i>
3:30 pm - 4:30 pm	Talk 4 - <i>Prof. Aveek Sarkar, PRL, Ahmedabad</i>

Speakers



Prof. Prantika Bhowmik
IISc, Bangalore

Title: *Exploring Solar Magnetic Activity Through Novel Computational Modelling Approaches*



Prof. Dipanjan Mukherjee
IUCAA, Pune

Title: *Investigating the impact of relativistic jets on galaxy evolution through resolved simulations.*

Speakers



Prof. Indranil Chattopadhyay
ARIES, Nainital

Title: *Numerical simulation of accretion and jets associated with compact objects*



Prof. Aveek Sarkar
PRL, Ahmedabad

Title: *Unveiling Our Closest Star Through Numerical Techniques*