



An Advanced Workshop on

THEORETICAL aspects OF Relativistic jets



(THOR)

January 5-9, 2026

Venue: Inter-University Centre for Astronomy & Astrophysics

Topics:

- ☐ Leptonic and Hadronic Processes, Particle Acceleration
- ☐ High-Energy Polarization, Neutrinos
- ☐ Jet Launching, Dynamics, Composition
- ☐ Accretion Disk
- ☐ Numerical Simulations of Jetted Emission

Speakers:

- Markus Böttcher (North-West University, South Africa)
- Banibrata Mukhopadhyay (IISc, Bengaluru)
 - Bhargav Vaidya (IIT Indore)
 - Dipanjan Mukherjee (IUCAA)
 - Sunder Sahayanathan (BARC)

Eligibility: PhD students, postdoctoral fellows, and faculty members

Deadline to apply: October 31, 2025

Registration link: <https://forms.gle/cZ9KPSQ3tdqLqfek6>



Organizers:

Vaidehi S. Paliya (IUCAA)

Gulab Dewangan (IUCAA)



Scan to register

Contact: vaidehi.paliya@iucaa.in