

Programme list for Workshop 4: Astronomical Society of India Annual Meeting 2022
Date: 25. 03. 2022, Venue – IIT-Roorkee; Jointly hosted by ARIES and IITR in hybrid mode

All talk times include 5 minutes of question and answer:

09:30-09:35- Welcome Address by the Organizers

09:35-10:15- The standard accretion disc theory: Shakura-Sunyaev model - Ranjeev Misra

10:15-10:55- Advective accretion regime - Banibrata Mukhopadhyay

10:55-11:10- Tea Break

11:10-11:50- What do we know about AGN? - Amit Shukla

11:50-12:30- Galactic black-hole X-ray binaries: An observational perspective - Santosh Vadawale

12:30-13:10- Magnetised accretion disc - Indranil Chattopadhyay & Prasun Dhang

13:10-14:10- Lunch

14:10-14:50- Magneto-Rotational-Instability - Prasad Subramanian

14:50-15:30- Blandford-Znajek mechanism and GRMHD simulations - Oliver Porth

15:30-15:50- Tea Break

15:50-17:50- Hands on training on simulations with *Pluto* - Dipanjan Mukherjee & Bhargav Vaidya

18:00-19:00- Special Lecture - Ramesh Narayan