

3rd China-India Workshop on High Energy Astrophysics (28 November – 2 December 2022)

Program

November 28 (Monday)

Session 1 (14:00-15:30 in China, 11:30-13:00 in India)

Wei Wang (Wuhan): New features of X-ray binaries observed by Insight-HXMT

Jithesh, V (CHRIST): Unravelling the spectral and fast timing properties of BHXRBs using AstroSat

Session 2 (16:30-17:30 in China, 14:00-15:00 in India)

Qingcui Bu (Tuebingen): The HFQPOs observed in GRS 1915+105 with Insight-HXMT

Yash Bhargava (TIFR, Mumbai): Understanding the shot variability in the Black hole Binary Cyg X-1

Zuobin Zhang (Fudan): A variable ionized disk wind in 4U1630-472 revealed by NICER

Srimanta Banerjee (IUCAA, Pune): Multi-wavelength spectral study of MAXI J1820+070 in outburst

November 29 (Tuesday)

Session 1 (14:00-15:30 in China, 11:30-13:00 in India)

Vikram Rana (Raman Research Institute): Indian X-ray Polarimeter (POLIX) onboard X-ray Polarimetry Satellite (XPoSat)

Xiangdong Li (Nanjing): Evolution of LMXBs under Different Magnetic Braking Prescriptions

Session 2 (16:30-17:30 in China, 14:00-15:00 in India)

Kavita Kumari (IUCAA, Pune): UV/X-ray timing studies of Seyfert galaxies

Yan-Qing Qi (Xiamen): Nucleosynthesis Contribution of Neutrino-dominated Accretion Flows to the Chemical Evolution of Galaxies and Active Galactic Nuclei

Prakash Tripathi (IUCAA, Pune): Variable hot corona in changing-look active galaxy NGC1566

Ruican Ma (IHEP/CAS): High energy Millihertz quasi-periodic oscillations in 1A 0535+262 with Insight-HXMT challenge current models

November 30 (Wednesday)

Session 1 (14:00-15:30 in China, 11:30-13:00 in India)

Li Ji (PMO/CAS): Probing the hot diffuse plasma of Nearby Galaxies

Sunil Chandra (SAAO): SED Modeling of blazars, One-HaLe model, curious case of IBL CGRaBSJ 0211+1051

Session 2 (16:30-17:30 in China, 14:00-15:00 in India)

Lingda Kong (Tuebingen): Insight-HXMT Discovery of the Highest-energy CRSF from the First ULX Pulsar Swift J0243.6+6124

Kewal Anand (IIT Kanpur): Timing and Spectral Properties of LMXB 4U 1728-34 with AstroSat

Na Sai (Wuhan): Spin and the Type-B QPO measurements of MAXI J1820+070 with HXMT and NICER

Akash Garg (IUCAA, Pune): Quasi-Periodic Oscillations due to disc-corona feedback system

December 1 (Thursday)

Session 1 (14:00-15:30 in China, 11:30-13:00 in India)

Ritaban Chatterjee (Presidency University): Physics of Jets from Multi-Wavelength Monitoring of Blazars

Jane Lixin Dai (HKU): Tidal Disruption Events as Transient Probes of Massive Black Holes

Session 2 (16:30-17:30 in China, 14:00-15:00 in India)

Swadesh Chand (IUCAA, Pune): Spectral and Temporal Study of the Newly Discovered X-ray Transient MAXI J1803-298 with AstroSat

Swarnim Shashank (Fudan): GRMHD simulations to test reflection models based on thin Keplerian disks

Vaibhav Sharma (IIT Kanpur): Study of black hole X-ray binary GX 339-4 in hard and soft states with AstroSat

Jin-Hong Chen (SYSU): Tidal Stripping of a White Dwarf by an Intermediate-Mass Black Hole

December 2 (Friday)

Session 1 (14:00-15:30 in China, 11:30-13:00 in India)

Bin-Bin Zhang (Nanjing): New Understanding of Gamma-ray Burst Origins

Dipankar Bhattacharya (Ashoka University): Exploring polarized prompt emission of Gamma ray bursts with AstroSat

Session 2 (16:30-17:30 in China, 14:00-15:00 in India)

Fangzheng Shi (SHAO): Energetic hot wind from Low-Luminosity AGNs

Divya Rawat (IUCAA, Pune): Testing the dynamical origin of Quasi-periodic Oscillations in MAXI J1535–571 and H 1743–322

Qi Liu (Wuhan): Cyclotron lines and timing properties in high-mass X-ray binary Cen X-3

Ruchika Dhaka (IIT Kanpur): Study of HIMS State in GRS 1915+105