

ASI 2025 – List of Selected Abstracts – High Energy Phenomena, Fundamental Physics and Astronomy

| Name | Conference ID | Affiliation | Title | Abstract type by SOC |
|-------------------------|---------------|---|--|----------------------|
| Yogesh Maan | ASI2025_57 | NCRA - TIFR | Origin and Environment of Fast Radio Bursts | Invited |
| UTKARSH PATHAK | ASI2025_310 | INDIAN INSTITUTE OF TECHNOLOGY BOMBAY | Joint Gamma-Ray Burst Spectro-Polarimetric Analysis with AstroSat-CZTI and POLAR | Oral |
| Judhajeet Basu | ASI2025_147 | Indian Institute of Astrophysics, Bangalore | “Shock”-ing results from M31: Detailed analysis of the slow classical nova AT2023tkw (GIT20230919aa) | Oral |
| Soumen Mondal | ASI2025_372 | Jadavpur University, Kolkata | Observational imprints of accretion disk on observed gravitational wave data from LISA. | Oral |
| ATHAR DAR | ASI2025_214 | UNIVERSITY OF KASHMIR | Signature of hadronic emission in the gamma-ray spectrum of B2 1308+326 | Oral |
| Anjasha Gangopadhyay | ASI2025_414 | Oskar Klein Centre, Stockholm University, Sweden | A thorough investigation on the evolution of Helium rich interacting (Ibn) supernovae | Oral |
| Vivek Baruah Thapa | ASI2025_466 | Bhawanipur Anchalik College | Inferring the Equation of State for Dense Matter in Neutron Stars: A Bayesian Perspective on Antikaon Condensation | Oral |
| Priyesh Kumar Tripathi | ASI2025_364 | Aryabhata Research Institute of Observational Sciences, Nainital | Isolated black holes accreting through dense environments | Oral |
| Dr. Abinash Suklabaidya | ASI2025_312 | Pandit deendayal Upadhyaya Adarsha mahavidyalaya, Eraligool, Karimganj. | Linking Polarization and Photometry: Advancements in Asteroid Diameter Estimation | Oral |
| Shatakshi Chamoli | ASI2025_277 | Indian Institute of Astrophysics | Multiwavelength study of novae in M31 | Oral |
| Susmita Das | ASI2025_247 | Presidency University, Kolkata | X-Ray Spectral Evolution and Fourier Time Lags in Two HSP Blazars | Oral |
| Gaurav Waratkar | ASI2025_440 | Indian Institute of Technology Bombay | Low-latency infrastructure for rapid dissemination of LIGO-Virgo-KAGRA gravitational-wave alerts for Multi-Messenger Astronomy | Oral |
| Santabrata Das | ASI2025_621 | Indian Institute of Technology Guwahati | Relativistic hot accretion flows around black holes | Oral |
| Debabrata Deb | ASI2025_659 | The Institute of Mathematical Sciences, Chennai | The Second Data Release of InPTA: Precise Timing of MSPs and Implications for Gravitational Wave Detection | Oral |
| Nafisa Aftab | ASI2025_693 | Raman Research Institute | ECLIPSE DOES NOT HIDE, BUT REVEALS: Comprehensive X-ray Reprocessing Studies in High and Low Mass X-ray Binaries with XMM-Newton | Oral |
| Rukaiya Khatoun | ASI2025_132 | North-West University | Modeling multiband SEDs and light curves of BL Lacertae using a time-dependent shock-in-jet model | Oral |
| Athira M Bharathan | ASI2025_436 | CHRIST (Deemed to be University) | Probing High-Energy Emission Mechanisms in Blazars through X-ray Polarization with IXPE | Oral |
| PRAGYAN PRATIM BORDOLOI | ASI2025_463 | Indian Institute of Science and Research Thiruvananthapuram | Identification and modelling of optically thin inverse Compton scattering in the prompt emission of GRB131014A | Oral |
| Devanand P U | ASI2025_419 | Aryabhata Research Institute Of Observational Sciences, Nainital | X-Ray Spectral Variability of Thirteen TeV High Energy Peaked Blazars with XMM-Newton | Oral |

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|-------------------------|-------------|--|---|--------|
| Mukul Bhattacharya | ASI2025_499 | University of Wisconsin, Madison, USA | Fast radio bursts: source properties, emission mechanism and cosmological applications | Oral |
| Paras Koundal | ASI2025_167 | Bartol Research Institute, University of Delaware | Scientific Highlights from the IceCube Neutrino Observatory | Oral |
| Sandeep Rout | ASI2025_589 | New York University Abu Dhabi | Discovering hidden variability components in Cygnus X-1 using AstroSat/LAXPC | Oral |
| Dr. Vivek Kumar Agrawal | ASI2025_658 | U. R. Rao Satellite Centre, Bangalore | Initial science results from X-ray Spectroscopy and Timing (XSPECT) instrument. | Oral |
| Yash Bhusare | ASI2025_633 | National Centre for Radio Astrophysics | Exploring the Local Environments of Repeating FRBs with uGMRT Observations | Oral |
| Sriyasriti Acharya | ASI2025_700 | Hamburg University | Numerical modeling of short GRB: a counterpart to gravitational wave event | Oral |
| Bhargav Vaidya | ASI2025_609 | IIT Indore | Simulating Astrophysical and Space Plasma Jets in the Era of Multi-messenger Astronomy. | Oral |
| Ajay Kumar | ASI2025_737 | National centre for Radio Astrophysics | Probing Fast Radio Bursts using Deep Learning and GMRT | Oral |
| SHREE SUMAN | ASI2025_602 | INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD | On the physical origin of X-ray variability in Seyfert galaxies using Fourier -frequency dependent covariance spectral modeling | Poster |
| AYON MONDAL | ASI2025_19 | PRESIDENCY UNIVERSITY, KOLKATA | Spectral Energy Distribution Modeling of BL Lacertae During a Large Submillimeter Outburst and Low X-Ray Polarization State | Poster |
| Raj Prince | ASI2025_259 | Department of Physics, Banaras Hindu University, Varanasi, Uttar Pradesh | Dissecting the broad-band emission from γ -ray blazar PKS 0735+178 in search of neutrinos | Poster |
| INDRANIL DAS | ASI2025_61 | INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BERHAMPUR | Modelling Reprocessing Spectra from Accretion Disks around Black Holes | Poster |
| Abhijnan Kar | ASI2025_79 | IISER Berhampur | Evolution of neutron star spin frequency and other parameters in LMXBs and its implications for observed AMXPs. | Poster |
| Athira Nandakumar | ASI2025_199 | Intern | Powering Mechanism of the Ultraluminous X-ray Source NGC 4395 X-1 | Poster |
| Athira S | ASI2025_32 | Indian Institute of Technology Jodhpur | Kaonic dense matter inside stellar compact object from SU(3) symmetry | Poster |
| Samik Dutta | ASI2025_49 | Birla Institute of Technology and Science - Pilani | Multiple Emission Regions in Jets of the Low-Luminosity Active Galactic Nucleus in NGC 4278 | Poster |
| Archana Singh | ASI2025_355 | BARC | Study of Anti-Correlated Optical Polarization and Flux Variability in the Blazar 1ES 1959+650 | Poster |
| Sanjeeva Rao Prattipati | ASI2025_128 | Indian Institute of Technology Jodhpur | sGRBs similar to GW/sGRB170817A in γ -ray emission | Poster |
| SIKANDAR AKBAR DAR | ASI2025_469 | UNIVERSITY OF KASHMIR | Exploring the flaring activity of Blazar PKS 0805-07 | Poster |
| Yogeesh N | ASI2025_24 | IIT, Jodhpur | Modelling large glitches with core superfluidity in mixed phase region | Poster |
| Swaraj Pratim Sarmah | ASI2025_124 | Dibrugarh University | Cosmic Ray Flux Modelling with PAO and TA Data in f(Q) Gravity Framework | Poster |
| Sudhir Gholap | ASI2025_384 | Inter-University Centre for Astronomy & Astrophysics, Pune | A χ^2 statistic for the identification of strongly lensed gravitational-waves from compact binary coalescences | Poster |
| Sonali Sahoo | ASI2025_261 | Department of Physics, Indian Institute of Technology Jodhpur | Observability of SSA emissions from GRBs with Daksha | Poster |
| Hritwik Bora | ASI2025_572 | Tezpur University | Multi-wavelength study of High Energy Peaked Blazar Mkn 501 | Poster |

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|--------------------|-------------|---|---|--------|
| Kalyanbrata Pal | ASI2025_181 | Harish Chandra Research Institute (HRI) | Title: Multi-transonic behaviour of low angular momentum axially symmetric multi-component accretion flow around a rotating bla | Poster |
| Vinay Kumar | ASI2025_614 | International Centre for Theoretical Sciences | Investigating the Role of Magnetic Reconnection in the Nonlinear Evolution of Small-Scale Dynamos | Poster |
| Akash Agarwal | ASI2025_569 | Raman Research Institute | X-ray study of complex absorption and reflection in the intermediate polar FO Aqr | Poster |
| PEER ANJUM UN NISA | ASI2025_654 | ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY (IUST) AWANTIPORA JAMMU AND KASHMIR | Multi-Wavelength Spectral Study of a TeV blazar 1ES 1959+650 | Poster |
| Adarsha H A | ASI2025_371 | Manipal Center for Natural Sciences | Effects of rotation and magnetic field on accretion by endoparasitic black hole | Poster |
| Arshad Hussain | ASI2025_438 | Research Scholar | Be/X-ray Binary RX J0440.9+4431's Temporal and Spectral Features Observed with AstroSat | Poster |
| RONIT KARMAKAR | ASI2025_674 | Research Scholar, Dpet. of Physics, Dibrugarh University, Assam, India | Black Hole solutions in a Generalized Rastall Theory | Poster |
| Anshika Gupta | ASI2025_701 | Aryabhata Research Institute of Observational Sciences | The multi-wavelength evolution of GRB 190829A | Poster |
| KRIPA RAM SAHU | ASI2025_235 | School of Studies in Physics & Astrophysics, Pt. Ravishankar Shukla University Raipur, (C.G.) | Photometric and spectroscopic studies of Type Ia supernova SN 2011ae. | Poster |
| Abhiram K | ASI2025_620 | Indian Institute of Technology Dharwad | Automatic Classification and Anomaly Detection of Supernova Spectra in ZTF Bright Transient Survey | Poster |
| HITESH TANENIA | ASI2025_732 | JAMIA MILLIA ISLAMIA, NEW DELHI | Modeling the energy-dependent broadband variability of the black-hole transient GX 339-4 with AstroSat and NICER | Poster |
| Sree Bhattacharjee | ASI2025_689 | Tezpur University | Investigating spectral properties of Z source GX 17+2 with AstroSat and NICER observations | Poster |
| Broja G Dutta | ASI2025_713 | RBC College, WB State University | Fast variability properties of Galactic black hole binaries: Origin of LFQPOs and HFQPOs | Poster |
| khushboo sharma | ASI2025_740 | Aryabhata Research Institute of Observational Sciences | Comparative Analysis of Single-Pulse and Multi-Pulse Gamma-Ray Bursts | Poster |
| Ramanshu Singh | ASI2025_136 | Veer Bahadur Singh Purvanchal University | Spectral-Timing Properties of GX 339-4 during 2023 Outburst Using AstroSat, NICER, and NuSTAR | Poster |
| Juris N J | ASI2025_423 | St.Thomas College, Ranni | Timing and Spectral Analysis of 4U 1626-67 Using AstroSat/LAXPC | Poster |
| Abhishek Baruah | ASI2025_413 | Dibrugarh University | Holographic CFT phase transitions for 4-D Dyonically AdS Black Holes | Poster |
| Rushikesh Sonawane | ASI2025_309 | Indian Institute of Science Education and Research, Thiruvananthapuram | Spectro-polarimetry of GRB 180427A: evidence for distinct emission sites with varying polarisation | Poster |
| Pranjal Tambe | ASI2025_265 | Inter University Centre for Astronomy and Astrophysics | Effect of Magnetic Fields on Urca Processes in Neutron Star Mergers | Poster |
| Rajiv Kumar | ASI2025_229 | Harish-Chandra Research Institute | Three-component accretion flows around black holes and implications | Poster |
| Atul Pathania | ASI2025_156 | Bhabha Atomic Research Centre | Identification of gamma-ray pulsar candidates among the unassociated sources in the Fermi-LAT catalog using Random Forest | Poster |

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|-----------------------------|-------------|--|---|--------|
| Rohit Mandal | ASI2025_227 | Indian Institute of Space Science and Technology | Diffuse X-ray Emission Around Ultraluminous X-ray Sources: A Systematic Search Using Archival X-ray Data | Poster |
| Saptarshi Sarkar | ASI2025_280 | National Centre for Radio Astrophysics - Tata Institute of Fundamental Research (NCRA-TIFR), Pune | Giant pulse detection from a transitional millisecond pulsar | Poster |
| Ayushi Shrivastava | ASI2025_268 | National Centre for Radio Astrophysics, Tata Institute of Fundamental Research, Pune | A Timing study of PSR J1840+1102: The Fastest GMRT-discovered Millisecond Pulsar | Poster |
| Debojoti Kuzur | ASI2025_527 | Raghnathpur College | Topological Defects and Neutron Star Glitches | Poster |
| Gunindra Krishna Mahanta | ASI2025_46 | Bhabha Atomic Research Centre | Modeling Particle Acceleration in Pulsar Wind Nebulae as a cosmic PeVatron: A Two-Zone Approach | Poster |
| Chandranathan Anandavijayan | ASI2025_296 | International Centre for Theoretical Sciences (ICTS), Tata Institute of Fundamental Research, Bengaluru, India | Spectral evolution in decaying MHD turbulence: Implications for early-universe magnetic fields | Poster |
| Chahat Dudeja | ASI2025_519 | National Center for Radio Astrophysics | Multi-frequency GMRT study of FRB20201124A | Poster |
| Amit Kumar | ASI2025_586 | Aryabhata Research Institute of Observational Sciences | Exploring Origin of Ultra-Long Gamma-ray Bursts: Lessons from GRB 221009A | Poster |
| Shahzada Akhter | ASI2025_567 | Islamic university of science and technology awantipora Kashmir | Astrosat Observation of GRS 1915+105: Flux variations and Disk-Corona interaction in the Low/Hard State. | Poster |
| Sayantana Bhattacharya | ASI2025_370 | Tata Institute of Fundamental Research | High-Resolution XMM-Newton Spectroscopy of EXO 0748-676's Latest Outburst after Prolonged Quiescence | Poster |
| ANKAN ROY | ASI2025_443 | Indian Institute of Technology Jodhpur | TeV gamma-rays from photo-disintegration/de-excitation of nuclei in LHAASO J0621+3755 | Poster |
| Srijita Hazra | ASI2025_694 | Raman Research Institute | A multiwavelength study of the most distant gamma-ray detected BL Lacertae object 4FGL J1219.0+3653 ($z = 3.59$) | Poster |
| Megha Bansal | ASI2025_678 | Indian Institute of Science Education and Research, Mohali | Comparative View of VHE LSP Blazars Variability at MeV-GeV Gamma-Rays and Implications | Poster |
| Aswin Nair | ASI2025_715 | Indian Institute of Science Education and Research Mohali | Numerical Simulation of accretion onto compact objects with hard surface | Poster |
| Dhruv Jain | ASI2025_710 | Aryabhata Research Institute of Observational Sciences | Rates and Beaming Fractions of Gamma Ray Bursts associated with Compact Binary Coalescences | Poster |
| Aditya Tamar | ASI2025_92 | NIT Karnataka, Surathkal | Photon ring polarimetry with next-generation black hole imaging | Poster |
| Soma Mandal | ASI2025_70 | Government Girls' General Degree College, Kolkata | Broadband spectral and temporal properties of the atoll source 4U 1702-429 using AstroSat-NICER | Poster |
| DEBADRI BHATTACHARJEE | ASI2025_118 | Cooch Behar Panchanan Barma University | Structure and stability of dark energy stars in Rastall theory of gravity | Poster |
| Pradip Kumar Chattopadhyay | ASI2025_251 | Cooch Behar Panchanan Barma University | The influence of non-zero strange quark mass $(m_s \neq 0)$ on the properties of strange stars in $f(R, T)$ gravity admitting obs | Poster |
| Koushik Ballav Goswami | ASI2025_252 | Cooch Behar Panchanan Barma University | Isotropic cold compact objects in $f(R, T)$ gravity admitting CFL equation of state modified by a non-minimal QCD correction factor | Poster |

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|-----------------------|-------------|--|--|--------|
| Anirban Saha | ASI2025_254 | Alipurduar University | Relativistic strange stars in f(R,T) gravity admitting a density dependent B- parameter | Poster |
| Debojit Paul | ASI2025_146 | Gauhati University | Probing Modified Gravity through Orbital Dynamics: From the Galactic Center Black Hole to the Solar System | Poster |
| Siddhant Manna | ASI2025_344 | IIT Hyderabad | Search for Dark Matter Annihilation to gamma-rays from SPT-SZ selected Galaxy Clusters | Poster |
| Param Joshi | ASI2025_12 | National Institute of Technology Rourkela | High Frequency Wideband Study of FRB20240114A with the Allen Telescope Array | Poster |
| Prantik Nandi | ASI2025_272 | Indian Centre for Space Physics | Survey of Bare Active Galactic Nuclei in the Local Universe ($z < 0.2$): On the Origin of Soft Excess | Poster |
| HARSH TEKAWADE | ASI2025_299 | SAVITRIBAI PHULE PUNE UNIVERSITY | Investigating and Characterizing Variability of ZTF Blazars | Poster |
| Chaitrika B M | ASI2025_437 | Manipal Centre for Natural Sciences, Manipal Academy of Higher Education | Spectroscopic and Photometric study of hydrogen-rich supernovae | Poster |
| Ruchika Dhaka | ASI2025_289 | Indian Institute of Technology Kanpur | State Transition from Hard to Soft in GX 339-4: Findings from NuSTAR, NICER, and Insight-HXMT Observations | Poster |
| Sushmita Agarwal | ASI2025_594 | Indian Institute of Technology, Indore | Gravitational lensing as a tool to probe the gamma-ray dissipation sites of Blazars | Poster |
| Jyotishree Hota | ASI2025_655 | NIT Rourkela | Multi-wavelength study of EHLB source 1ES 0229+200 | Poster |
| Vishal Jadoliya | ASI2025_281 | Indian Institute of Technology Hyderabad | X-ray study of WR 48-6: A possible colliding wind binary | Poster |
| Probit Kalita | ASI2025_495 | National Institute of Technology Rourkela | Exploring the impact of the Σ -cut scheme on neutron star oscillations and thermal relaxations | Poster |
| Pinku Routaray | ASI2025_688 | National Institute Of Technology Rourkela | Impacts of Dark Matter on the properties of Static and Rotating Neutron star | Poster |
| CHANDAN KUMAR DAS | ASI2025_652 | Indian Institute of Technology Indore | Multiwavelength Insights into the Neutrino Emission from X-ray Bright Seyfert Galaxies | Poster |
| ABHISEK TAMANG | ASI2025_395 | INDIAN INSTITUTE OF SCIENCE & RAMAN RESEARCH INSTITUTE, BANGALORE | Unveiling the structures of Stellar Wind in X-ray Binaries using MAXI/GSC | Poster |
| Siddharth Kumar Sahoo | ASI2025_179 | National Institute of Technology, Rourkela | Imprints of Einstein-Maxwell-dilaton-axion gravity in the observed shadows of Sgr A* and M87* | Poster |
| Biki Ram | ASI2025_508 | IIT Indore | Unveiling State Transitions and Inner Disk-Corona Dynamics in Black Hole X-ray Binaries Using Power-Color and QPO Analysis | Poster |
| Amar Deo Chandra | ASI2025_719 | Aryabhata Research Institute of Observational Sciences | Long-term spin-down and low luminosity regime in the Be/X-ray binary pulsar GX 304-1 | Poster |
| Aditya Narendra | ASI2025_96 | Jagiellonian University | Redshift estimation of Gamma-ray Bursts using machine learning | Poster |
| Aryabrat Mahapatra | ASI2025_123 | Indian Institute of Technology Kanpur | Partial tidal disruption of White Dwarfs in off-equatorial planes around intermediate mass spinning black holes | Poster |
| praduman pandey | ASI2025_106 | BARC | Detection of Markarian 501 flare from MACE and multwavelength analysis | Poster |
| Anirban Dasgupta | ASI2025_157 | National Institute of Technology , Rourkela | Constraining Einstein-Maxwell-Dilaton-Axion Gravity from observed quasi periodic oscillations in black holes. | Poster |

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|--------------------------|-------------|---|--|--------|
| Suman Bala | ASI2025_166 | Universities Space Research Association (USRA) | The Gamma-ray Targeted Search (GTS); A generalized method to find sub-threshold Gamma-ray bursts combining different instruments | Poster |
| Habib Ahammad Mondal | ASI2025_232 | Saha Institute of Nuclear Physics | Constraints on VHE gamma-ray emission of Flat Spectrum Radio Quasars with the MAGIC telescopes | Poster |
| Sayantana Ghosh | ASI2025_249 | National Institute of Technology Rourkela | Effects of Energy-Momentum Squared Gravity on Neutron Stars | Poster |
| Sampoorna M | ASI2025_180 | Indian Institute of Astrophysics | Two-distribution radiation transfer with resonance line scattering | Poster |
| Sudeb Ranjan Datta | ASI2025_276 | Inter University Centre of Astronomy and Astrophysics | Are the shape and flux of X-ray reflection spectra in hard state consistent with an accretion disk close to the black hole? | Poster |
| Jay Kanabar | ASI2025_297 | International centre for space and cosmology | A New Mystery : M82X-2 and violation of Eddington limit | Poster |
| Prasanta Bera | ASI2025_311 | BHU, Varanasi | Relativistic oblique shock reflection: numerical study | Poster |
| Mridweeka Singh | ASI2025_152 | Indian Institute of Astrophysics | SNe 2008aq and 2019gaf: A comparative analysis of two type IIb SNe indicating heterogeneity in the class | Poster |
| Birendra Chhotaray | ASI2025_403 | Physical Research Laboratory, Ahmedabad, Gujarat, India | Understanding the optical and X-ray properties of the Be/X-ray binary IGR J06074+2205 | Poster |
| Banshi Lal | ASI2025_407 | National Centre for Radio Astrophysics | Investigating the FRB-Magnetar Link Through Low-Energy Radio Emissions | Poster |
| Aman Upadhyay | ASI2025_409 | Raman Research Institute | Spectral variability between flaring and non-flaring spectra in ULX M74 X-1 | Poster |
| Anurag Bhaisare | ASI2025_186 | Savitribai Phule Pune University | Reconstruction of compact binary sources in a network of gravitational wave detectors | Poster |
| Deepak Eppachen | ASI2025_226 | Indian Institute of Astrophysics, Bangalore | Understanding Fast X-ray Transients in the Era of Einstein Probe | Poster |
| Dhrubojoyti Sengupta | ASI2025_442 | University of Maryland | The Curious Case of NGC 6300 | Poster |
| Sanna Gulati | ASI2025_449 | National Centre for Radio Astrophysics | A comprehensive uGMRT study of the Palomar-Green QSO sample at 685 MHz | Poster |
| Ujjwal Panda | ASI2025_478 | National Centre for Radio Astrophysics | GMRT study of a hyperactive repeater, FRB 20240114A | Poster |
| Arvind Balasubramanian | ASI2025_427 | Indian Institute of Astrophysics | The nature of the persistent radio source associated with FRB190520B | Poster |
| Gajanan Harale | ASI2025_67 | Department of Physics SP Pune University | Investigating Diffuse Gamma-ray Emission in the ABELL 119 Galaxy Cluster Using 14-year Fermi-LAT Data | Poster |
| SOURAV DUTTA | ASI2025_453 | INDIAN INSTITUTE OF TECHNOLOGY JODHPUR | Gravitational Waves Classification techniques | Poster |
| Sunil Malik | ASI2025_365 | NCRA-TIFR | Diagnostic for 3D magnetic field and its turbulent characteristics in ISM and extended objects | Poster |
| AJITH BALU | ASI2025_231 | Raman Research Institute | Study of X-ray absorption characteristics of high-mass X-ray binaries in different intensity levels with MAXI/GSC | Poster |
| Siddhartha Bhattacharyya | ASI2025_343 | National Centre for Radio Astrophysics | BurFi: An automated burst modelling package for the SPOTLIGHT | Poster |
| Kunj Panchal | ASI2025_459 | Indian Institute of Technology Hyderabad | Probing the impact of astrophysical parameters on the properties of lensed gravitational waves | Poster |
| Manoneeta Chakraborty | ASI2025_553 | IIT Indore | Spectro-temporal Investigation of Quasi-periodic Oscillations From Black Hole X-ray Binary 4U 1630-472 Using NICER | Poster |

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|----------------|-------------|--|---|--------|
| Hrishav Das | ASI2025_643 | Indian Institute of Astrophysics | Photometric and Spectroscopic Study of Type Iax Supernova SN 2022eyw | Poster |
| Anuj Mishra | ASI2025_676 | ICTS | Unveiling microlensing biases in testing general relativity with gravitational waves | Poster |
| Rupak Roy | ASI2025_555 | Manipal Centre for Natural Sciences, Manipal Academy of Higher Education, Manipal 576104, Karnataka, India | Asymmetry in superluminous supernovae | Poster |
| Aman Kaushik | ASI2025_410 | Tata Institute of Fundamental Research | The 2022 outburst of SAX J1808.4–3658. | Poster |
| Rahul Sharma | ASI2025_224 | Raman Research Institute | Energy and luminosity-dependent spectro-timing properties of X-ray pulsar RX J0440.9+4431 | Poster |
| Kinjal Roy | ASI2025_479 | Raman Research Institute | Iron fluorescence line as a tracer of reprocessing environment | Poster |
| Monalisa Dubey | ASI2025_316 | Aryabhata Research Institute of Observational Sciences (ARIES), Nainital | Exploring the progenitor properties of Type IIP supernova: SN 2023zcu | Poster |
| Soumya Gupta | ASI2025_38 | Bhabha Atomic Research Center | Investigating Spectral Width Evolution in Gamma-Ray Bursts | Poster |
| Akash Garg | ASI2025_211 | Inter-University Centre for Astronomy and Astrophysics (IUCAA) | Exploring Quasi-Periodic Oscillations Arising from the Radiative Feedback Interaction Between the Accretion Disc and Corona | Poster |
| Suprovo Ghosh | ASI2025_699 | University of Southampton | Tidal Dissipation in Binary Neutron Star Inspirals as probe of neutron star interior | Poster |