

ASI 2026 – List of Selected Abstracts – Thesis

Name	Conference ID	Affiliation	Title	Abstract Type by SOC
Anilkumar Tolamatti	ASI2026_922	Bhabha Atomic Research Centre, Mumbai	Broadband emission study of high redshift blazars and Observations with MACE	Oral
Anindya Saha	ASI2026_729	Kavli Institute for Astronomy and Astrophysics at Peking University	Massive stars: Formation and Feedback	Oral
Arpit Kumar Shrivastav	ASI2026_512	Southwest Research Institute (SwRI)	Observational study of decayless waves across different scales in the solar corona	Oral
Arvind Dattatreya	ASI2026_443	Indian institute of astrophysics	Probing the census of hot stars in Globular Clusters	Oral
Ashwin Devaraj	ASI2026_483	Indian Institute of Technology Bombay	Probing Accretion Geometries of X-ray Pulsars using Cyclotron Resonant Scattering Features	Oral
Athira M Bharathan	ASI2026_683	North-West university, South Africa	High energy emission from blazars: constraints from neutrinos and X-ray polarization	Oral
Bhavya Ailawadhi	ASI2026_421	Physical Research Laboratory, Mount Abu Observatory	Probing the Harbingers of Exotic Astrophysical Transients	Oral
Harsha Avinash Tanti	ASI2026_867	Udaipur Solar Observatory, Physical Research Laboratory	Detection of low frequency radio signal from space	Oral
Jyotirmoy Dey	ASI2026_296	Tata Institute of Fundamental Research Mumbai	From photon leakage to cloud–cloud collisions: The multi-scale nature of H II regions	Oral
Ketan Rikame	ASI2026_235	Raman Research Institute, Bengaluru	Timing spectroscopy and polarimetry studies of X-ray binary systems	Oral
Khandakar Md Asif Elahi	ASI2026_68	Indian Institute of Technology Madras	Towards 21-cm Intensity Mapping using uGMRT	Oral
Nitesh Kumar	ASI2026_349	UPES, Dehradun	AUTOMATED ANALYSIS OF STELLAR PHOTOMETRIC AND SPECTROSCOPIC ASTRONOMICAL DATA	Oral
Pallavi Saraf	ASI2026_851	Physical Research Laboratory	Tracing the origin of heavy elements through metal-poor stars	Oral
Payel Nandi	ASI2026_92	Inter-University Centre for Astronomy and Astrophysics, Pune	Effect of AGN on the ISM of their hosts: A multi-wavelength perspective	Oral
Prajwel Joseph	ASI2026_242	Indian Institute of Astrophysics	Study of the effect of AGN activity on star formation in nearby galaxies using UVIT	Oral
Prateek Mayank	ASI2026_292	SWx TREC, University of Colorado, Boulder	Modeling the Evolution and Impact of Space Weather Drivers	Oral
Radhika Dharmadhikari	ASI2026_123	Durham University	Development Of Alignment And Phasing System For India's Large Segmented Mirror Telescope	Oral
Robin Thomas	ASI2026_870	CHRIST University, Bangalore	PROBING THE STAR FORMATION IN GALAXIES BELONGING TO PAIRS AND CLUSTER ENVIRONMENTS	Oral
Samik Mitra	ASI2026_17	International Centre for Theoretical Sciences	Magnetohydrodynamics and Hydrodynamic studies of relativistic accretion flows around black holes	Oral
Sneha Prakash Mudambi	ASI2026_450	Educational Initiatives Private Limited	Spectro-timing properties of a few selected Black hole binaries	Oral

Souvik Roy	ASI2026_272	University of California Los Angeles	Modeling the Impact of Space Weather on Planetary Space Environments	Oral
SUDESHNA PATRA	ASI2026_216	NICOLAUS COPERNICUS UNIVERSITY IN TORUN	The Outer Milky Way: Laboratory for the Effects of Metallicity	Oral
SUPROVO GHOSH	ASI2026_215	University of Southampton	Constraining Neutron Star Equation of State using Multi-disciplinary Physics and its application in Gravitational wave emission	Oral
Susmita Jana	ASI2026_293	Asia Pacific Center for Theoretical Physics	Multi-messenger signatures of strong gravity	Oral
Yogesh Kumar Maurya	ASI2026_843	Udaipur Solar Observatory/Physical Research Laboratory	Spontaneous Generation and Annihilation of Three-Dimensional Magnetic Nulls in the Solar Corona	Oral