

**ASI 2024 – List of Selected Abstracts – Stars, Interstellar Medium, and Astrochemistry in Milky Way**

<b>Name</b>	<b>Conference ID</b>	<b>Affiliation</b>	<b>Title</b>	<b>Abstract Type by SOC</b>
Firoza Sutaria	ASI2024_965	Indian Institute of Astrophysics, Bangalore, India.	SN2023ixf: A type-III supernova with a well defined CSM.	Invited (review talk)
Gesesew Habtie	ASI2024_475	SRF	Study of the fastest classical nova, V1674 Her: Photoionization and Morpho-kinematic model analysis	Oral
Sonika Piridi	ASI2024_20	NIT Rourkela	A comprehensive catalog of UVIT observations	Oral
JYOTIRMOY DAS	ASI2024_322	National Centre for Radio Astrophysics(NCRA, TIFR)	Search for pulsars in globular clusters with the GMRT: discoveries and timings	Oral
Himanshu Tyagi	ASI2024_540	Tata Institute of Fundamental Research, Mumbai	IPA on the Rocks: JWST Unveils the Building Blocks of Planetary Systems	Oral
NIPUN GHANGHAS	ASI2024_327	TATA INSTITUTE OF FUNDAMENTAL RESEARCH	Machine learning applied to enable the asteroseismology of red giants using short-sequence data	Oral
Vinay Kumar G	ASI2024_782	Osmania university	TIC 165797593 : An Eclipsing pulsating subdwarf B star + Brown dwarf companion	Oral
AKANT VATS	ASI2024_699	Banaras Hindu University, Varanasi	Interstellar PAHs in the age of JWST and ALMA	Oral
Veena VS	ASI2024_905	Max Planck Institute for Radio Astronomy	A chemical Inventory of Molecular Gas in the Milky Way's Nuclear Chimney	Oral
Koshvendra Singh	ASI2024_34	Tata Institute of Fundamental Research	Hotspot Movement over stellar surface during an outburst in a Young Stellar Object: EX Lupi	Oral
Gurpreet Singh	ASI2024_1004	Aryabhata Research Institute of Observational Sciences, Manora Peak, Nainital	A method to image the stellar coronae of fast rotating single stars	Oral
Mami Deka	ASI2024_376	Cotton University	The impact of convection and metallicity on instability strip boundaries of Classical Cepheids	Oral
Amrita Singh	ASI2024_507	Universidad de Chile	Exploring the electron temperature structure of H II regions using the Local Volume Mapper (LVM) Simulator	Oral
Subrata Kumar Panda	ASI2024_948	research scholar	Asteroseismology applied to constrain structure parameters of $\delta$ Scuti stars	Oral
ATANU KOLEY	ASI2024_524	POSTDOCTORAL STUDENT	Turbulence measurements in the neutral ISM from HI 21-cm emission-absorption spectra	Oral
ARVIND DATTATREY	ASI2024_571	Aryabhata Research Institute of Observational Sciences	UVIT/AstroSat detection of extremely low mass white dwarf companions to blue straggler stars in NGC 362	Oral

Arun Roy	ASI2024_953	Indian Institute of Astrophysics	Fullerene-Enriched YSOs: A Novel Class and Their Connection to Aromatic Evolution near B-type PMS Stars	Oral
Sunayana Maben	ASI2024_909	National Astronomical Observatories, Chinese Academy of Sciences	Investigation of the 70-year-old weak G-band puzzle: carbon-deficient red clump stars are likely merger products	Oral
Jeena S K	ASI2024_247	Indian Institute of Technology Palakkad	Core-Collapse Supernova Origin for LAMOST J1010+2358	Oral
SOMNATH DUTTA	ASI2024_575	Institute of Astronomy and Astrophysics, Academia Sinica	Jets from Low-Mass Young Stars	Oral
Sowmya Krishnamurthy	ASI2024_274	Max Planck Institute for Solar System Research	Starspot contribution to stellar Ca II H & K emission: lessons from sunspots	Oral
Divita Gupta	ASI2024_80	Institute of Physics 1, University of Cologne, Germany	High resolution spectroscopy of astrochemically relevant ions	Oral
Kinsuk Acharyya	ASI2024_820	Physical Research Laboratory	FORMATION OF WATER IN THE STAR-FORMING REGIONS	Oral
Banshi Lal	ASI2024_365	National Centre for Radio Astrophysics, Pune	Magnetars as FRB Sources: A Case Study of XTE J1810-197	Oral
Sayantana Bhattacharya	ASI2024_1023	University Of Massachusetts, Lowell	Probing the Blue Supergiant X-ray Binary Population in IC 10	Oral
Gargi Shaw	ASI2024_202	Tata Institute of Fundamental Research	Spectroscopic modelling of nova V1716 Sco	Poster
Devismita Panda	ASI2024_208	Indian Institute of Space Science and Technology, Trivandrum, India	A Global View on Star Formation (GLOSTAR) Galactic Plane Survey: 6.7 GHz Methanol Maser Catalog and Variability Study	Poster
Samrat Roy	ASI2024_65	Presidency University	Probing the Rocket Effect: A Study of Massive Stars and Bright Rimmed Clouds	Poster
Sadhana Singh	ASI2024_226	Physical Research Laboratory	Foreground Dust Properties towards the Cluster NGC 7380	Poster
Anshika Pandey	ASI2024_261	Banaras Hindu University	Theoretical investigation of 3-Pyrroline in interstellar environments.	Poster
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SHIVANI MISHRA	ASI2024_79	BANARAS HINDU UNIVERSITY	Rotational Spectroscopy of Oxygen Substituted PAHs	Poster
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Dr.Neeraj Chaubey	ASI2024_556	K.N.INSTITUTE OF TECHNOLOGY	CARBONACEOUS CHONDRITES : KEY TO THE TRACES OF EXTRA TERRESTRIAL ORIGIN OF LIFE AND INTELLIGENCE	Poster
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