

ASI 2023 - List of Selected Abstracts – Stars, ISM and Galaxy

Name	Conference ID	Affiliation	Title	Abstract Type by SOC
Swastik Chowbay	ASI2023_25	Indian Institute of Astrophysics	Are giant planet-hosting stars young? Kinematics and chemical properties of exoplanet host stars from GAIA DR3	Oral
Shyam Sunder	ASI2023_457	National Centre for Radio Astrophysics	Localisation and timing of GMRT discovered MSPs to aid sensitivity of PTA	Oral
Ashwin Devaraj	ASI2023_264	Raman Research Institute/ Indian Institute of Science	A Study of the 2018 and 2021 outburst of XTE J1946+274 using Astrosat and Insight-HXMT	Oral
Nilanjana Nandi	ASI2023_129	Junior Research Fellow (PMRF)	The dynamical lineage of ultra-diffuse galaxies: Are they similar to dwarf irregulars or low surface brightness galaxies?	Oral
Siddhartha Gupta	ASI2023_359	University of Chicago	First-principles simulations of particle acceleration at collisionless shocks	Oral
Sreelekshmi Mohan	ASI2023_121	Indian Institute of Space Science and Technology	Imaging of HH80-81 jet in the near infrared emission lines	Oral
Anju Panthi	ASI2023_91	Birla Institute of Technology and Science, Pilani	Search for hot companions in blue metal-poor stars using UVIT/AstroSat	Oral
Sakshi Gupta	ASI2023_157	Indian Institute of Science Education and Research, Kolkata	Magnetic Interaction of Stellar Wind and (Exo)planetary Environments: Implications for Atmospheric Losses and Habitability	Oral
Chetana Jain	ASI2023_314	Hansraj College, University of Delhi	Orbital period glitches in LMXB XTE J1710-281	Oral
Priya Hasan	ASI2023_275	Maulana Azad National Urdu University, Hyderabad, India	The evolution of the binary fraction in star clusters	Oral
Arun Seshadri	ASI2023_143	Indian Institute of Space Science and Technology	An understanding of the filamentary structure and massive star formation towards RCW 117	Oral
Pallavi Saraf	ASI2023_327	Indian Institute of Astrophysics, Bangalore	Assessing the commonality of progenitor sites among r-process-rich stars	Oral
SUSMITA BARMAN	ASI2023_189	University Of Hyderabad	A Study of Photoionized Gas in Two HII Regions of the N44 Complex in the LMC Using MUSE Observations	Oral
Katherine Rawlins	ASI2023_351	St. Xavier's College, Mumbai	Investigating the OH-H ₂ relation in diffuse Galactic clouds	Oral
Md Rashid	ASI2023_365	Indian Institute of Science	Low radio frequency uGMRT study of the Orion nebula: indication of nonthermal emission	Oral
Nirupam Roy	ASI2023_495	Indian Institute of Science	Properties of atomic ISM: Galactic plane and halo	Oral

MANIKA SINGLA	ASI2023_522	INDIAN INSTITUTE OF ASTROPHYSICS	Effect of multiple scattering on the Transmission spectra and the Polarization phase curves for Earth-like Exoplanets	Oral
Somnath Dutta	ASI2023_507	Institute of Astronomy and Astrophysics, Academia Sinica, Taiwan	Protostellar Jet affects the evolution of the disk and planets	Oral
Hema Banagere Prakash	ASI2023_86	Indian Institute of Astrophysics	Hydrogen-deficiency/Helium-enhancement in Giants	Oral
Akanksha Khandelwal	ASI2023_557	Physical Research Laboratory, Ahmedabad	Discovery of a massive giant planet in an eccentric orbit around a sub-giant star	Oral
Jaikhomba Singha	ASI2023_735	Indian Institute of Technology Roorkee	Using low frequency scatter broadening measurements for precision estimates of DM and its implications on GW detection using PTA	Oral
Manami Roy	ASI2023_211	Raman Research Institute	Seeding the CGM; How Satellites Populate the Cold Phase of Milky Way Halos	Oral
Yogesh Chandra Joshi	ASI2023_278	ARIES, Nainital	Investigation of open clusters to probe the galactic structure	Oral
Namita Uppal	ASI2023_291	Physical Research Laboratory	Detection of Galactic warp using intermediate age population	Oral
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Archana Soam	ASI2023_502	IIA, Bangalore	Radiative driven grain alignment and depolarisation in starless core L183	Oral
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