

ASI2022 - List of selected abstracts in Extragalactic Astronomy

NAME	CONFERENCE ID	AFFILIATION	TITLE	Abstract Type by SOC
Narendra Nath Patra	ASI2022_532	Indian Institute of technology Indore	The vertical structure of gaseous disks as a powerful probe of galaxy formation and evolution	Invited
Nishikanta Khandai	ASI2022_608	NISER	The Distribution of Neutral Hydrogen in the Local Universe	Invited (Will be moved to Plenary)
Raghunathan Srianand	ASI2022_783	IUCAA	Intergalactic medium probed by Lyman-alpha forest: Clustering and its evolution	Invited
Shabnam Iyyani	ASI2022_446	Indian Institute of Science Education and Research Thiruvananthapuram	Investigation of prompt emission of GRB for the identification of the central engine and the viewing angle of the jet	Invited
Suvendu Rakshit	ASI2022_464	ARIES	Supermassive black holes in the Universe	Invited
Tanuka Chattopadhyay	ASI2022_650	UNIVERSITY OF CALCUTTA	Extragalactic Astronomy	Invited
Aratrika Dey	ASI2022_357	Indian Institute of Astrophysics	A comparative study of the long term optical and IR variability of high redshift narrow line and broad line Seyfert 1 galaxie	Oral
Dhrubojyoti Sengupta	ASI2022_87	University of Bologna	X-ray vision on Local Obscured AGN	Oral
Dipanweeta Bhattacharyya	ASI2022_569	IISER Mohali	Where can we find the merged Black hole in BH-BH mergers?	Oral
Habeeb Rahman K K	ASI2022_153	Unive rsity of Calicut	The relation between particle dynamics of AGN jet and X-ray spectral curvature	Oral
Jyoti Yadav	ASI2022_309	Indian Institute Of Astrophysics	Discovery of triple active galactic nucleus in the NGC 7733–7734 merging group	Oral
Krishna Mohana A	ASI2022_286	Manipal Centre for Natural Sciences, Manipal Academy of Higher Education	Long-term multi-band monitoring of blazar 3C 66A: Evidence of the two distinct states with different baseline flux	Oral
Meera Nandakumar	ASI2022_138	Research Scholar, Department of Physics, Indian Institute of Technology (BHU) Varanasi (IIT BHU)	Understanding interstellar turbulence and it's implications in external spiral galaxy NGC~5236	Oral
Nayana A.J.	ASI2022_199	Indian Institute of Astrophysics	Low-frequency radio view of a fast-blue optical transient - AT2018cow	Oral
Prasun Dhang	ASI2022_595	Postdoc	Generation and transport of large-scale magnetic fields in accretion flows	Oral
Prerana Biswas	ASI2022_42	Indian Institute of Science Bangalore	Revisiting Baryonic Tully-Fisher Relation with HI 21cm interferometric observation	Oral
Rajdeep Agrawal	ASI2022_474	Indian Institute of Technology Hyderabad	Search for Lorentz Invariance Violation from stacked Gamma-Ray Burst spectral lag data	Oral
Ravi Joshi	ASI2022_766	Indian Institute of Astrophysics	X-shaped Radio Galaxies: insight from optical host properties, environment and radio structure	Oral

Sandeep Kumar Kataria	ASI2022_279	Shanghai Jiao Tong University, Shanghai	Effect of the Dark Matter Inner Angular momentum on Box/Peanut/X-shape Bulges in Barred Spiral Galaxies	Oral
Savithri H Ezhikode	ASI2022_320	CHRIST (Deemed to be University), Bengaluru	Optical and gamma-ray variability in the blazar PKS 1222+216	Oral
Sayan Kundu	ASI2022_387	Indian Institute of Technology, Indore	Numerical modelling and physical interplay of stochastic turbulent acceleration	Oral
Shilpa Sarkar	ASI2022_46	Aryabhata Research Institute of Observational Sciences (ARIES)	Funnel flows around strongly magnetised neutron stars	Oral
Silpa Sasikumar	ASI2022_365	National Centre for Radio Astrophysics - Tata Institute of Fundamental Research	A Radio Polarimetric Study of Radio-quiet AGN	Oral
Smaranika Banerjee	ASI2022_428	Tohoku University, Japan	High Energy counterparts to Gravitational Wave sources	Oral
Sonali Sachdeva	ASI2022_258	Raman Research Institute	Star-dust geometry as main determinant of dust attenuation in galaxies	Oral
Subham Ghosh	ASI2022_232	Indian Institute of Science	The competition between the hydrodynamic instability from noise and magnetorotational instability in the Keplerian disks	Oral
Sushant Dutta	ASI2022_41	Physical Research Laboratory, Ahmedabad	Remnant Radio Galaxies Detected in Deep Low-frequency Radio Surveys	Oral
Aadi Krishna	ASI2022_285	Shiv Nadar School Noida	TeV GRB 190114C: Synchrotron self-Compton Emission Evidenced by Immediate Afterglow Physical Characteristics and Broadband Spect	Poster
Aayush Arya	ASI2022_118	Lovely Professional University	The chemical enrichment history of Sagittarius dSph using high-resolution spectroscopy of individual stars	Poster
Abhijit Kayal	ASI2022_413	Physical Research Laboratory	Hard X-ray view of the associated HI 21 cm absorption detected radio AGN	Poster
Abhisek Mohapatra	ASI2022_483	IUCAA, Pune	An unbiased view of nearby galaxies in HI 21-cm emission through MALS	Poster
Abhishek Paswan	ASI2022_133	Indian Institute of Astrophysics (IIA)	Properties of high-redshift starburst galaxies and their local analogs contributing to reionization of our early universe	Poster
Abhradeep Roy	ASI2022_703	Tata Institute of Fundamental Research	Transient Quasi-Periodic Oscillations at gamma-rays in the TeV Blazar PKS 1510-089	Poster
Aishrila Mazumder	ASI2022_571	Indian Institute of Technology Indore	A GMRT Survey of Lockman Hole Field at 325 MHz	Poster
Akhil Krishna R	ASI2022_345	Christ University	UV-Optical view of Polar Ring Galaxy - NGC4262: A combined stellar population analysis	Poster
Akriti Sinha	ASI2022_572	Indian Institute of Technoloy Indore	Studying star-formation with low-frequency uGMRT observations	Poster

Amal Abdulrahman	ASI2022_143	Senior Research Fellow, Farook College (Autonomous), University of Calicut	Two population synchrotron model: The case of X-ray knots of 3C 273.	Poster
Amar Aryan	ASI2022_453	Aryabhata research institute of observational sciences	SN 2016iyc: Pushing the lower limit of the mass of core-collapse supernova progenitors	Poster
Aminabi Thekkoth	ASI2022_170	University of Calicut	Probing flux behaviour of 3C 279 through Broadband Correlation study	Poster
Amit Kumar	ASI2022_579	Aryabhata Research Institute of Observational Sciences (ARIES)	Investigation of long gamma-ray bursts and stripped-envelope supernovae connections	Poster
Amit Kumar Ror	ASI2022_553	ARYABHATTA RESEARCH INSTITUTE OF OBSERVATIONAL SCIENCE	GRB 201216C: A TeV Detected Gamma-ray Burst at z=1.1	Poster
Amrutha S	ASI2022_591	IIA	AN FUV STUDY OF STAR FORMING DWARF GALAXIES USING UVIT OBSERVATIONS	Poster
Ananda Hota	ASI2022_455	UM-DAE Centre for Excellence in Basic Sciences & RAD@home Astronomy Collaboratory, India	#RADatHomeIndia annual summary with citizen science discoveries during the pandemic	Poster
Anilkumar Tolamatti	ASI2022_308	BARC, Mumbai	Feasibility study of observing γ -ray emission from high redshift blazars using MACE telescope	Poster
Anirban Dutta	ASI2022_769	Indian Institute of Astrophysics	Understanding type Ia supernova explosion through time-dependent Monte Carlo radiative transfer simulation.	Poster
Ankit Kumar	ASI2022_120	Indian Institute of Astrophysics, Bangalore	Imprints of Dark Matter Halo Shape on Bar Buckling and the Resultant Boxy/Peanut Bulge	Poster
Ankur Ghosh	ASI2022_302	SRF,ARIES	On the multi wavelength nature of GRB 200524A : from prompt emission to afterglow	Poster
Aritra Kundu	ASI2022_100	Presidency University, Kolkata	RMS-Flux Relation and Disc-Jet Connection in Blazars in the Context of the Internal Shocks Model	Poster
Arnab Chowhan	ASI2022_222	Centre for Excellence in Basic Sciences	An HST view of the Planetary Nebulae population in the Southern Pinwheel Galaxy (M83)	Poster
Arun Kumar Diwakar	ASI2022_131	Kalinga University, Naya Raipur, C.G.	Intrinsic shape of the elliptical galaxies: NGC 1199, 1395 and 1549	Poster
Ashwani Pandey	ASI2022_383	IIA Bengaluru	Correlation between optical flux and polarization variations in flat-spectrum radio quasars on diverse time-scales	Poster
Avinash Chaturvedi	ASI2022_182	European Southern Observatory, Garching	Understanding the mass assembly of the Fornax galaxy cluster	Poster
Avinash Kumar Paladi	ASI2022_256	Indian Institute of Space Science and Technology, Thiruvananthapuram	Bayesian Analysis of OJ287 Radio Lightcurve	Poster

B Ananthamoorthy	ASI2022_487	Manipal Centre for Natural Sciences, Manipal Academy of Higher Education, Manipal, Karnataka	Study of AGN feedback in the nearby active galaxies NGC 1097 and NGC 1566	Poster
Baheeja C	ASI2022_228	University of Calicut	Probing the origin of spectral peak of the blazar 1ES 1959+650	Poster
Bhavya Ailawadhi	ASI2022_287	ARIES	SN 2020jfo: A short-plateau supernova with high photospheric velocity in earlier stages	Poster
Biplob Sarkar	ASI2022_72	Tezpur University	Broad-band spectral and temporal characteristics of NS LMXB 4U1608-52 through AstroSat observations	Poster
Brajesh Kumar	ASI2022_689	Aryabhata Research Institute of Observational Sciences, Nainital	Type Ib supernova SN 2017iro: A moderately luminous event with a possible binary progenitor	Poster
Chayan Mondal	ASI2022_704	Inter-University Centre for Astronomy and Astrophysics	UVIT photometric catalog of the GOODS-north field: photometry and UV spectral slope of galaxies	Poster
Darshana Mehta	ASI2022_66	Aryabhata Research Institute of Observational Sciences	Characterizing the behaviour of SN 2013he: a luminous, short plateau supernova	Poster
Dimple Panchal	ASI2022_271	ARIES, Nainital	Classification conundrum in Gamma Ray Bursts: Signatures of collapsars in high redshift short GRBs	Poster
Divita Saraogi	ASI2022_562	IIT Bombay	Localisation of Gamma Ray Bursts using the AstroSat Mass Model	POSTER (Will Be Shifted To "Instrumentation And Techniques" Category)
Divya Pandey	ASI2022_505	National Institute of Technology, Rourkela, Odisha, India	A massive star-forming LSB galaxy in the Bootes Void	Poster
Garima Rajguru	ASI2022_456	Presidency University	Weak Correlation between the Accretion Disc and Jet Power in a Large Sample of Fermi Blazars	Poster
Gourab Giri	ASI2022_449	IIT INDORE	Dynamical Modelling and Emission Signatures of a Candidate Dual AGN with Precessing Radio Jets	Poster
Himansh Rathore	ASI2022_543	Indian Institute of Technology Bombay	Star-forming S0 Galaxies in SDSS-MaNGA: Fading Spirals Or Rejuvenated S0s?	Poster
Indrani Pal	ASI2022_439	INDIAN INSTITUTE OF ASTROPHYSICS, BANGALORE	Variation in the temperature of the corona in Seyfert galaxies using NuSTAR	Poster
Janhavi Baghel	ASI2022_709	National Centre for Radio Astrophysics - Tata Institute of Fundamental Research, Pune	A GMRT-EVLA Polarization Study of PG Blazars	Poster
Jithesh V	ASI2022_349	SARBTM Govt College, Koyilandi	Evidence for the Super-Critical Outflow from NGC 55 ULX1	Poster
Jyotishree Hota	ASI2022_347	National Institute of Technology, Rourkela	Understanding the X-ray spectral curvature of Mkn 421 using broad-band AstroSat observations	Poster

Kiran Wani	ASI2022_574	Aryabhata Research Institute of Observational Sciences, Nainital.	X-ray Studies of Blazar 1ES 1959+650 using Swift and XMM-Newton Satellite	Poster
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Labani Mallick	ASI2022_216	California Institute of Technology	The low-mass end of accreting supermassive black holes	Poster
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Mridweeka Singh	ASI2022_328	Indian Institute of Astrophysics	Probing the progenitor system and diversity in the ejecta composition of type Ia SNe	Poster
Nagamani Poloji	ASI2022_700	Osmania University	Morphological studies of dwarf galaxies in the core of Coma Cluster	Poster
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Nour Dergham	ASI2022_409	Department of Astronomy, Osmania University	Influence of Comptonization region over the ambiance of accretion disc in active galactic nucleus	Poster
Olag Pratim Bordoloi	ASI2022_723	Tezpur University, Napaam, India	Correlation between diffuse Far Ultraviolet and Infrared emissions from Holmberg II	Poster
Pankaj Kushwaha	ASI2022_626	Aryabhata Research Institute of Observational Sciences (ARIES)	AstroSat View of the Binary Black hole blazar OJ 287: Settling the issue of X-ray Spectral Changes	Poster
Partha Pratim Deka	ASI2022_213	Inter-University Center for Astronomy and Astrophysics	An unbiased view of cold atomic gas associated with radio loud AGNs up-to $z \sim 2$ using MALS.	Poster
Pawan Tiwari	ASI2022_653	INDIAN INSTITUTE OF TECHNOLOGY, INDORE	On the origin of the extended afterglow emission of LAT detected GRBs	Poster
Payel Nandi	ASI2022_326	Indian Institute of Science, Indian Institute of Astrophysics	Star formation characteristics in the host of the seyfert type AGN NGC 4395	Poster
Pradyumna Sadhu	ASI2022_299	Indian Institute of Technology, Hyderabad	Testing the Radial Acceleration Relation for Galaxy Clusters	Poster
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Priyanka Rani	ASI2022_699	IUCAA, Pune	Far and near UV Catalogue of sources in a deep AstroSat/UVIT field around IC4329A	Poster
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Raj Kishor Joshi	ASI2022_167	Aryabhata Research Institute of Observational Sciences	Radiatively driven bipolar outflows	Poster
Rakhi R	ASI2022_237	NSS College, Pandalam, Pathanamthitta, Kerala 689501	Ultraviolet view of star formation in young tidal dwarf galaxies around NGC 5291	Poster
Rishabh Singh Teja	ASI2022_382	Indian Institute of Astrophysics	Observational studies of a short plateau Type IIP supernova 2020jfo.	Poster
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Robin Thomas	ASI2022_305	CHRIST University	What drives the wheels of evolution in NGC 1512? A UVIT Study	Poster
Rubnur Khatun	ASI2022_420	NCRA-TIFR	Origin of Kpc-scale radio structure in Seyfert galaxies	Poster
Sagar Sethi	ASI2022_283	Jagiellonian University, Krakow, Poland	Multiwavelength radio analysis of a 2 Mpc size radio galaxy.	Poster
Samuzal Barua	ASI2022_281	Department of Physics, Gauhati University, Guwahati-781014	Probing strong gravitational light-bending effect close to the black hole in narrow-line Seyfert 1 galaxy Mkn 478	Poster
Sanjit Debnath	ASI2022_568	ARYABHATTA RESEARCH INSTITUTE OF OBSERVATIONAL SCIENCES (ARIES)	Imprints of spin on the solution and emission spectrum of accretion flows around black holes	Poster
Sanna Gulati	ASI2022_493	Manipal Centre for Natural Sciences, Manipal Academy of Higher Education	Origin of high energy emissions in FR II radio galaxy Pictor A	Poster
Sapna Mishra	ASI2022_524	IUCAA, Pune	Discovery of a cool metal-rich gas reservoir in the outskirts of ~ 0.5 clusters	Poster
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Shivangi Pandey	ASI2022_419	Aryabhata Research Institute of Observational Sciences, Nainital	Broad-Line Region and Black-hole Mass of PKS 0736+017	Poster
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Shrutika Tiwari	ASI2022_265	School of Studies in Physics and Astrophysics, Pt. Ravishankar Shukla University, Raipur.	PSN J0910+5003 : A type Ia Supernova explosion similar to Super-Chandrasekhar events.	Poster

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