

List of participants selected for Poster Presentation

Sno	Name	Affiliation	Field of Research	Title of Presentation
1	SAKET KUMAR	APS University Rewa M.P india	Sun and Planetary Science	Effect of Solar Features on Geomagnetic Field Disturbances during Solar Cycle-23
2	Lakshitha Nama Mahesh	Christ University	Sun and Planetary Science	Visibility of Solar Filaments in the Chromospheric Ca II K and H α lines.
3	Sangita Chatterjee	Jadavpur University	General Relativity and Gravitational Waves	Impact of accretion disk on the gravitational wave-profile emitted from binary merger.
4	Prateek Sharma	Gurukula Kangri Vishwavidyalaya, Haridwar	General Relativity and Gravitational Waves	Study of Bending Angle of Light Around a Rotating Black Hole with Quintessence
5	Sandeep Kataria	Indian Institute of Astrophysics	Galactic Physics and ISM	Can bars erode cuspy halos ?
6	Prerana Biswas	IISc Bangalore	Galactic Physics and ISM	Baryonic Tully-Fisher Relation and it's various insights for galaxies with different inclination angles by calibrating and imaging the interferometric HI data of GMRT.
7	EKTA SHARMA	INDIAN INSTITUTE OF ASTROPHYSICS	Galactic Physics and ISM	Molecular filament formation and filament-hub interaction: LDN 1172/1174 dark nebula
8	Divita Saraogi	IIT Bombay	Astronomical Instrumentation	Daksha: On alert for high energy transients
9	Siddharth Maharana	IUCAA	Astronomical Instrumentation	Wide Area Linear Optical Polarimeter
10	Vibhore Negi	ARIES	Astronomical Instrumentation	International Liquid Mirror Telescope and Its Data Reduction Pipeline
11	Archita Bhattacharyya	Indian Statistical Institute Kolkata	Cosmology	On present inconsistencies between low and high redshift cosmological data

12	Sayan Kundu	Indian Institute of Technology, Indore	High Energy Astrophysics	Numerical Implementation of Stochastic Acceleration in Turbulent Astrophysical Plasma
13	Nilam R Navale	University Department of Physics, University of Mumbai	High Energy Astrophysics	The Decline in GRS 1915+105, the End is Here!
14	VIPIN DAS V	UNIVERSITY COLLEGE, THIRUVANANTHAPURAM	High Energy Astrophysics	Information theoretic studies on the relationship between sunspot activity and cosmic ray intensity
15	Aarthy E.	PRL, Ahmedabad	High Energy Astrophysics	Phase resolved X-ray polarimetry of Crab using AstroSat CZTI
16	Ruchi Pandey	SNBNCBS	Stellar Astrophysics	Abundance analysis of dusty novae.
17	Debasish Mondal	University of Calcutta	Stellar Astrophysics	A new Initial mass function for the triple star forming systems
18	Partha Pratim Goswami	Indian Institute of Astrophysics	Stellar Astrophysics	CEMP-s/r stars and intermediate neutron-capture process
19	VARNANA M KUMAR	RESEARCH SCHOLAR	Stellar Astrophysics	Inferring Volcanic Activity in Potentially Habitable Extrasolar Planets
20	Ujjwal Krishnan	Christ (Deemed to be University), Bangalore	Extra-galactic Astrophysics and IGM	Understanding the star formation in low and high galaxy environments.
21	Priyanka jalan	ARIES	Extra-galactic Astrophysics and IGM	Discovering lensed quasars using the proximity effect

List of participants selected for Oral Presentation

Sno	Name	Affiliation	Field of Research	Title of Presentation
1	Prabir Kumar Mitra	Udaipur Solar Observatory, Physical Research Laboratory	Sun and Planetary Science	Impulsive-eruptive homologous m-class flares originated from a double-decker flux rope configuration of mini-sigmoid in the α^{\prime} -sunspot region noaa 12673
2	SATABDWA MAJUMDAR	INDIAN INSTITUTE OF ASTROPHYSICS	Sun and Planetary Science	3-D evolution of fast and slow Coronal Mass Ejections in solar cycle 23 and 24 and the effect of their source regions : A preparatory study for the ADITYA L1 mission.
3	Debesh Bhattacharjee	IISER Pune	Sun and Planetary Science	Can CMEs be considered as coherent, macroscopic structures?
4	NABAMITA CHAUDHURI	Research Scholar, Department of Earth Sciences, Pondicherry University	Sun and Planetary Science	Composition Derivation of Lunar Surface Using C1XS, M3 and Kaguya-GRS datasets
5	Rahul Kumar	Jamia Millia Islamia, New Delhi	General Relativity and Gravitational Waves	Testing the nature of black holes using shadow observation of M87*
6	Surajit Kalita	Indian Institute of Science, Bangalore	General Relativity and Gravitational Waves	Continuous gravitational wave from compact objects
7	Koustav Chandra	IIT Bombay	General Relativity and Gravitational Waves	Super null-streams to probe non-GR modes of polarization with a network of gravitational wave detectors
8	Nirban Bose	IIT Bombay	General Relativity and Gravitational Waves	Is eccentricity a crucial player in pinning down the binary formation channels?
9	SOURAV BHADRA	NISER, Bhubaneswar	Galactic Physics and ISM	De-correlation of dust polarization at two different frequency (350 GHz and 150 GHz) due to line of sight effect.

10	Jayanand Maurya	ARIES, Nainital.	Galactic Physics and ISM	Study of metallicity distribution and the Galactic structure through open star clusters
11	Linn Abraham	Pondicherry University	Galactic Physics and ISM	Identification of Ring Galaxies using Deep Learning Tools
12	Sadhana Singh	ARIES	Galactic Physics and ISM	Linear Polarization Towards Anti-galactic Centre direction: the Case of NGC 1817.
13	Harsh Kumar	IIT Bombay	Astronomical Instrumentation	Electromagnetic counterpart of gravitational waves follow-up using GROWTH-India telescope.
14	Panini Singam	Indian Institute of Astrophysics	Astronomical Instrumentation	Narrowband solar X-ray imager
15	Kshitij Bane	Indian Institute of Astrophysics	Astronomical Instrumentation	Development of radio antenna array and receiver system for observations of Pulsars at Low Radio Frequencies.
16	FAZLU RAHMAN	INDIAN INSTITUTE OF ASTROPHYSICS	Cosmology	GAUSSIANTY AND STATISTICAL ISOTROPY OF GALACTIC FOREGROUND EMISSIONS FROM PLANCK and HASLAM MAPS
17	AKHILA K	ISAC	Cosmology	Evolution of Interior Magnetic Field of Magnetars: Ambipolar Diffusion
18	Sioree Ansar	Indian Institute of Astrophysics	Cosmology	Impact of inhomogeneous CMB heating of gas on the HI 21-cm signal during dark ages.
19	Ashish Kumar Meena	IISER Mohali	Cosmology	Gravitational lensing of gravitational waves: wave nature and prospects for detection
20	Nilanjandev Bhaumik	Indian Institute of Science, Bengaluru	Cosmology	Primordial Black Hole From Inflationary Perturbations
21	Chandrachud Bijay Vaswar Dash	Birla Institute of Technology and Science, Pilani Campus	Cosmology	Constraining Dark energy in $f(R)$ gravity model by 21cm signal and Lyman-alpha forest as a probe.
22	Pranoti Panchbhai	IUCAA, Pune	High Energy Astrophysics	Multiwavelength spectral energy distribution of PG0804+761 using Astrosat data
23	RAHUL GUPTA	ARIES, Nainital	High Energy Astrophysics	Progenitor and environment of complete sample of Ultra- long Gamma Rays Bursts :
24	Tushar Mondal	Indian Institute of Science, Bengaluru	High Energy Astrophysics	Ultra-luminous X-ray sources as magnetically powered sub-Eddington advective accretion flows around stellar mass black holes
25	Sonal R. Patel	University of Mumbai	High Energy Astrophysics	The temporal and spectral evolutions of Ton 599 during the Fermi-LAT era
26	Ashwani Pandey	ARIES Nainital	High Energy Astrophysics	X-ray intraday variability of the TeV blazar Mrk 421 with Chandra

27	Amar Aryan	Aryabhata Research Institute of Observational Sciences (ARIES), Nainital	High Energy Astrophysics	Photometric and Spectroscopic Study of SN2015ap
28	Mayank Narang	Tata Institute of Fundamental Research, Mumbai	Stellar Astrophysics	Probing star-planet interactions in the radio and UV domain
29	Athira Unni	Indian Institute of Astrophysics	Stellar Astrophysics	Possibility of Transit spectroscopy using 2 meter telescope
30	Soumya Sengupta	Indian Institute of Astrophysics	Stellar Astrophysics	Modelling and Characterization of Exoplanet Atmosphere
31	Bharti Arora	Aryabhata Research institute of Observational Sciences (ARIES)	Stellar Astrophysics	Long term X-ray investigation of the WN+O binary WR 25
32	Nidhi Saini	University of Delhi, Delhi	Extra-galactic Astrophysics and IGM	FRBs and their distribution
33	Sriyasriti Acharya	PhD Scholar, IIT Indore	Extra-galactic Astrophysics and IGM	Study of Magnetic Instability & Variable Nature of Relativistic Jets
34	Ankit Kumar	Indian Institute of Astrophysics, Bengaluru	Extra-galactic Astrophysics and IGM	Effect of Flyby Interaction on Dark Matter Halo of Disk Galaxy
35	Baheeja C	University of Calicut	Extra-galactic Astrophysics and IGM	Studies of Central Intensity Ratio in Seyfert galaxies
36	Tanuman Ghosh	Raman Research Institute	Extra-galactic Astrophysics and IGM	Ultra-Luminous X-ray sources - Black holes or Neutron Stars? M33 X-8 : A case study
37	Amit Kumar	J.R.F.	Extra-galactic Astrophysics and IGM	Investigating the behavior of Super luminous supernovae(SLSNe-I) and their connection with long gamma ray bursts(GRBs).