



Selected Abstracts for Oral and Poster Presnetations

No.	Name	Affiliation	Mode of Presentation	Title of Presentation
I. Star-forming Filaments				
1	Veena V S	Max Planck Institute for Radio Astronomy, Germany	Oral	Star Formation in Extreme Environments: A 200 pc High Velocity Cloud in the Galactic Centre
2	Kshitiz Mallick	ARIES, Nainital	Oral	Exploring High-mass star formation at the junction of filaments in Sh2-112
3	Jyotirmoy Dey	IIST, Thiruvananthapuram	Oral	G18.148--0.283: a case study of the cloud-cloud collisions as a mechanism for high-mass star formation
4	Arup Kumar Maity	PRL, Ahmedabad	Oral	Origin of Hub-Filament Systems through Cloud-Cloud Collision

5	Sonu Tabitha Paulson	TIFR, Mumbai	Oral	Investigating the Earliest Stages of High-Mass Star Formation
6	Saurav Sen	TIFR, Mumbai	Poster	Kinematical study of high-mass star formation in Hub-Filament systems
7	Siddhartha Biswas	SNBNCBS, Kolkata	Poster	Evidence of Global Hierarchical Collapse towards Hub-Filament System Sh2-87
8	Sangeetha K K	University of Kerala Kariavattom campus	Poster	Multiwavelength Investigation of Star Formation activity towards the Galactic Cloud G13.89-0.47
9	Shehu Usman Muhammad	SNBNCBS, Kolkata	Poster	Exploring the Dynamics of a Hub-Filament System in the Region G41.194-0.163
II. Interstellar Mediam and Feedback				
1	Mridusmita Buragohain	University of Hyderabad	Oral	Observational search of PAHs footprints using SUBARU/COMICS telescope
2	Arun Seshadri	IIST, Thiruvananthapuram	Oral	Multiwavelength investigation of the star-forming complex G12.79+0.43
3	Aayushi Verma	ARIES, Nainital	Oral	Exploring Stellar Cluster and Feedback-driven Star Formation in the Galactic Midinfrared Bubble [HKS2019] E70
4	Nirupam Roy	IISc, Bangalore	Oral	Fire burn, and cauldron bubble: Missing supernova remnants and prospect of detecting them at low radio frequency
5	Sudeshna Patra	IISER Tirupati	Oral	The role of metallicity on the mass-luminosity conversion factor derived from dense gas

	Atul Kumar Singh	DDU Gorakhpur University	Poster	Optical and Near IR Spectroscopic study of five Carbon Rich Planetary Nebulae using TANSPEC and TIRSPEC
III. Planet formation and Exoplanets				
1	Swastik Chowbay	IIA, Bengaluru	Oral	The Search for Planet around LkCa 15 protoplanetary disk
2	Parashmoni Kashyap	NISER, Bhubaneswar	Poster	Physics and Chemistry at Planet-forming Scales: The Ringworld Revisited
3	Rupam Kundu	IISER, Berhampur	Poster	Physical properties and composition of dust in protostellar envelopes: insights into star and planet formation
4	Priyankush Ghosh	NISER, Bhubaneswar	Poster	Unveiling the Atmospheric Secrets of Super-Earth Exoplanets in the JWST Era
5	Prathap Rayalacheruvu	NISER, Bhubaneswar	Poster	From Protoplanetary Disks to Sun-like Planetary Systems: The Cosmic Tale Unveiled Using C/O and Isotopic Ratios
VI. Magnetic fields in star-forming regions				
1	Ekta Sharma	NAOC, China	Oral	Magnetic fields towards the youngest starless core using Zeeman effect
2	Piyali Saha	NAOJ, Japan	Oral	Magnetic Fields in Massive Star-forming Regions (MagMaR) unveiled by ALMA
3	Vineet Rawat	PRL, Ahmedabad	Oral	JCMT and TANSPEC view of star-formation at the hub of the massive GMC G148.24+00.41

4	Omkar Jadhav	PRL/IIT Gandhinagar	Poster	Galactic `Snake' IRDC G11.11-0.12': New Findings from SOFIA and JWST
5	Sandhyarani Panigrahy	IISER Tirupati	Poster	Magnetically regulated massive star-formation in Cep A
6	Ujwal Reddy P	IISER Tirupati	Poster	FAST HINSA Zeeman Observations of PGCC G89.75-2.16
7	Rohit Chaudhary	IISER Tirupati	Poster	Understanding the importance of magnetic fields in the “collect and collapse” model of star formation: a case study towards S104 using JCMT SCUBA2/POL2
8	Parike Madhu Krishna/Bingsati Roy	JAIN deemed to be University, Bangalore	Poster	Role of Magnetic Fields in Star Formation - Quantum Mechanics Perspective

V. Star formation at high resolution (ALMA and JWST)

1	Sabyasachi Pal	Midnapore City College, West Bengal	Oral	Study of possible glycine precursor molecules towards the hot molecular core G10.47+0.03
2	Anindya Saha	IIST, Thiruvananthapuram	Oral	Study of fragmentation and multiscale gas dynamics in two protoclusters with ALMA: Deciphering the driving mechanism for high mass star formation – gravity or turbulence.
3	Mayank Narang	ASIAA, Taiwan	Oral	Zooming in on protostellar outflows: A Combined JWST and ALMA Study of the very low mass, Class 0 protostar IRAS 16253-2429
4	Naval Kishor Bhadari	PRL, Ahmedabad	Oral	Dynamics of the inner environment of a hub-filament system hosting massive young stellar object W42-MME
5	Arijit Manna	Midnapore City College, West Bengal	Oral	Detection of phosphorus nitride and other complex organic molecules towards the high-mass protostar IRAS 18089–1732

6	Himanshu Tyagi	TIFR, Mumbai	Poster	IPA on the Rocks: JWST Unveils the Building Blocks of Planetary Systems
7	Bihan Banerjee	TIFR, Mumbai	Poster	Characterizing the inner protoplanetary disks with JWST MIRI-MRS spectra
8	Ariful Hoque	SNBNCBS, Kokata	Poster	HC3N as Outflow Tracer
VI. Stellar clusters				
1	Ranjan Kumar	PRL, Ahmedabad	Oral	An investigation of the formation channels of blue straggler stars in the Galactic globular cluster M68
2	Harmeen Kaur	Kumaun University Nainital	Oral	Structural morphology and star formation scenario in young star clusters
3	Renjithmon A A	MG University, Kerala	Poster	GAIA DR3 view on GUM 31
4	Kuldeep Belwal	ICSP, Kolkata	Poster	Photometric and Kinematic Analysis of a Young Open Cluster NGC 2345
5	Ranjana Jaiswal	DDU Gorakhpur University	Poster	Kinematic and photometric study of NGC 6793 open cluster
6	Vikalp Sharma	Hansraj College, University of Delhi	Poster	Deep Near Infrared Photometric Analysis of Open Cluster Teutsch 76
7	Mamta	ARIES, Nainital	Poster	Deep near-infrared imaging of a young embedded star cluster BDS2003-52

8	Govind Bhat D	IISER, Tirupati	Poster	The stellar population of η and χ Persei: Cluster properties, membership, and the IMF towards low mass end
9	Ali Hasan Sheikh	Dept of Physics, Gauhati University	Poster	A Statistical and Multiwavelength Photometric Analysis of a Young Embedded Star Cluster: IC 1590
10	Arun Roy	IIA, Bengaluru	Poster	Rocket Effect near Young Open Clusters
VII. Pre-main Sequence Stars and Variability				
1	Arpan Ghosh	ARIES, Nainital	Oral	Monitoring of episodically accreting Young Stellar Objects
2	Shridharan Baskaran	CHRIST (Deemed to be University)	Oral	Disentangling the two sub-populations of early Herbig Be stars using VLT/X-shooter spectra
3	Nidhi Sabu	CHRIST (Deemed to be University), Bangalore	Oral	Evaluation of varying mass accretion rate with mass in PMS stars
4	Koshvendra Singh	TIFR, Mumbai	Poster	Accretion Funnel Reconfiguration during an Outburst in a Young Stellar Object: EX Lupi
5	Gregory Mathews Ben	IISER, Tirupati	Poster	Approaching the End of Protoplanetary Disk Evolution: A Blind Survey of Young Stellar Clusters within the Solar Vicinity.
6	Tarak Chand	ARIES, Nainital	Poster	Photometric study of an open cluster Be65
7	Manish Chauhan	SAC, ISRO, Ahmedabad	Poster	YSO jets in Galactic plane: The molecular cloud complexes Vulpecula OB1 and IRDC G53.2

8	Rishi C	ARIES, Nainital	Poster	Influence of radiative feedback in Bright-Rimmed Cloud (BRC) 44
VIII. Instrumentation				
1	Arun Surya	IIA, Bengaluru	Oral	Design advancement of MOIS : A configurable slit multi-object infrared spectrograph and wide field imager
2	Supriyo Ghosh	University of Hertfordshire, UK	Oral	An actively controlled fibre-fed optical spectrograph EXOhSPEC
3	Varghese Reji	TIFR Mumbai	Poster	pyTANSPEC-1.0.0: A Major upgrade to TANSPEC pipeline, with the capability to reduce Low-Resolution mode spectra
V. Extra-galactic star formation				
1	Ananta Charan Pradhan	NIT, Rourkela	Oral	Tracing star formation in void and filament galaxies
2	Souvik Manna	SNBNCBS, Kolkata	Oral	Observation of Radio Continuum Halos of 8 Nearby Large Galaxies using uGMRT
3	Susmita Barman	University of Hyderabad	Oral	Effect of high-mass stars on the properties of ISM in N44 of the LMC
4	Ujjwal Krishnan	CHRIST (Deemed to be University), Bangalore	Poster	Secular evolution of galaxies : a star formation perspective
5	Jayanth Rao C	CHRIST (Deemed to be University), Bangalore	Poster	Investigating the Impact of Ram Pressure Stripping on Star Formation in NGC 4254

6	Payel Nandi	IIA/IISc, Bengaluru	Poster	Probing Star Formation in AGN-hosting Galaxies: Insights from UVIT Observations
7	Nilanjana Nandi	IISER, Tirupati	Poster	Dynamical lineage of field ultra-diffuse galaxies
8	Himanshu Abhay Bhisikar	IIT-Indore	Poster	Deciphering the young star-forming regions in NGC 4571: A UVIT-SDSS-ALMA study
9	B Ananthamoorthy	Manipal Centre for Natural Sciences, Manipal, Karnataka	Poster	Influence of AGN on the star formation properties in the nearby active galaxy NGC 1566
10	Biju Saha	IISER, Tirupati	Poster	Identification of lopsided galaxies using Convolutional Neural Network