

Selected Participants for YAM 2018

Sl. No.	Name	Affiliation	Field	Title	Talk/Poster
1	P SRINATH REDDY	IIA	Astronomical Instrumentation	Hybrid Optical Correlator for Gravitational wave signal detection	Poster
2	varun	Raman Research Institute	Astronomical Instrumentation	Ground Based Calibration experiments of POLIX : Thompson scattering based X-ray polarimeter	Talk
3	C.Shanti Prabha	Indian Institute of Astrophysics	Astronomical Instrumentation	Solar AO at Kodaikanal Tunnel Telescope	Talk
4	Panini Singam	Indian Institute of Astrophysics	Astronomical Instrumentation	Thermal and temporal stability of W/B_4 C multilayer mirrors for space-based astronomical applications	Talk
5	Siddharth Maharana	IUCAA	Astronomical Instrumentation	WALOP-Wide Area Linear Optical Polarimeter	Talk
6	Akash Kumar Patwa	Raman Research Institute	Cosmology	On detecting 21cm signal from EoR using drift scan data from MWA	Poster
7	Ashish Kumar Meena	IISER Mohali	Cosmology	Higher Order Caustics in Gravitational Lensing	Poster
8	Ms.KRISHNA P. B.	Cochin University of Science and Technology	Cosmology	Equivalency of Holographic equipartition and Entropy maximization; in Gauss Bonnet and Lovelock gravity theories	Poster
9	paxygeorge	Department of physics CUSAT	Cosmology	Decaying vacuum as a candidate of dark energy	Poster
10	ATHIRA SASIDHARAN	Department of Physics, Cochin University of Science and Technology, Kerala	Cosmology	Cosmic bulk viscous fluid and late acceleration of the universe	Poster
11	Sarvesh Kumar Yadav	IISER Bhopal	Cosmology	Large Scale Anomalies in Cosmic Microwave Background Power Spectrum.	Poster
12	Ashish	Physical Research Laboratory	Cosmology	The 21-cm Fluctuations from Dark Matter Annihilation	Poster
13	sandeep rana	IISER Mohali	Cosmology	Quantifying the statistical Nature of Galactic and Extragalactic foregrounds at low frequencies.	Talk
14	Janakee Raste	Raman Research Institute, Bangalore	Cosmology	Analytically Modelling 21-cm Signal from Early Phase of Epoch of Reionization	Talk
15	Manvendra Pratap Rajvanshi	IISER Mohali	Cosmology	Nonlinear Spherical Perturbations in Quintessence Dark Energy.	Talk
16	Madhurima Choudhury	IIT Indore	Cosmology	Signal reconstruction in redshifted 21cm Global Signal Experiments using Artificial Neural Networks	Talk
17	Jerin Mohan N D	Department of Physics, Cochin University of Science and Technology (CUSAT), Kerala	Cosmology	Dissipative fluid and recent acceleration - Causal approach	Talk
18	Priyank Parashari	PRL	Cosmology	Bounds on Neutrino Mass in Viscous Cosmology	Talk
19	Richa Arya	Physical Research Laboratory	Cosmology	Warm Inflation Model Parameter Estimation from Cosmic Microwave Background Radiation	Talk
20	Arvind Kumar Mishra	Physical Research Laboratory, Ahmedabad	Cosmology	Constraining dissipative effect in cosmic fluid using low redshift observations	Talk
21	Mayank Narang	Tata Institute of Fundametal Research	Exoplanets	Are Exoplanet properties determined by the host star?	Talk
22	Vivek Jha	ARIES, Nainital	Extragalactic Astrophysics and IGM	Probing the low luminosity Active Galactic Nuclei using Photometric reverberation mapping.	Poster
23	SANANDA RAYCHAUDHURI	Bose Institute, Kolkata	Extragalactic Astrophysics and IGM	Spherical accretion in five-component elliptical galaxies : multi-transonicity, shocks and implications on AGN feedback	Poster
24	Majidul Rahaman	Indian Institute of Technology Indore	Extragalactic Astrophysics and IGM	Study of Galaxy Cluster Mergers - Lessons from High Fidelity X-ray Temperature Maps	Poster

25	Juhi Tiwari	IISER Mohali	Extragalactic Astrophysics and IGM	Exploring the effect of large-scale environment on galaxy evolution across the Coma Supercluster	Poster
26	Abhisek Mohapatra	National Institute of Technology, rourkela	Extragalactic Astrophysics and IGM	The implication of ultraviolet background on physical properties of high redshift $\{CIII\}$ absorbers	Poster
27	KYADAMPURE ANIL TEJERAO	SCHOOL OF PHYSICAL SCIENCES, S. R. T. M. UNIVERSITY, NANDED	Extragalactic Astrophysics and IGM	"Heating and cooling mechanism in FR II radio galaxy 3C320"	Poster
28	SRUTHI.K	UNIVERSITY OF CALICUT	Extragalactic Astrophysics and IGM	X-ray point source population-morphology connection in field early type galaxies	Poster
29	Nidhi	University of Delhi	Extragalactic Astrophysics and IGM	Collapsing Supra-Massive Neutron Stars, Fast Radio Bursts and FRB 121102	Talk
30	Shilpa Sarkar	Aryabhatta Research Institute of Observational Sciences (ARIES), Nainital	Extragalactic Astrophysics and IGM	Two-temperature flows around black holes	Talk
31	Tapan Kumar Sasmal	Jadavpur University	Extragalactic Astrophysics and IGM	Detection of Tailed Radio Galaxies from FIRST survey	Talk
32	Ankit Singh	IISER Mohali	Extragalactic Astrophysics and IGM	Ultraviolet and optical view of galaxies in the Coma Supercluster	Talk
33	Anjasha Gangopadhyay	ARIES, Manora Peak, Nainital, India	Extragalactic Astrophysics and IGM	SN 2015as : A low luminosity Type IIb supernova without an early light curve peak	Talk
34	Netai Bhukta	Sidho Kanho Birsha University	Extragalactic Astrophysics and IGM	Study of Irregular Radio Galaxies from TIFR GMRT Sky Survey	Talk
35	Neeraj Kumari	Physical Research Laboratory	Extragalactic Astrophysics and IGM	Spectral Investigation of the narrow line Seyfert I galaxy Mrk 766	Talk
36	EKTA SHARMA	Indian Institute of Astrophysics	Galactic Physics and ISM	Polarization Studies and Distance Estimation of High Latitude Cloud "Draco"	Poster
37	JAYANAND MAURYA	ARYABHATTA RESEARCH INSTITUTE OF OBSERVATIONAL SCIENCES, NAINITAL.	Galactic Physics and ISM	Photometric Study of the Open Cluster NGC 381	Poster
38	Tirthendu Sinha	Aryabhatta Research Institute of Observational Sciences	Galactic Physics and ISM	Star formation and variability in open clusters	Poster
39	SADHANA SINGH	ARIES	Galactic Physics and ISM	Polarization towards open star cluster Alessi1	Poster
40	Gaurav Singh	Aries, Delhi University	Galactic Physics and ISM	A study on the dynamical evolution of Galactic Globular Clusters using Blue Straggler Stars	Talk
41	Dusmanta Patra	Indian Centre for Space Physics	Galactic Physics and ISM	Galactic plane survey at 325 MHz using Giant Meterwave Radio Telescope	Talk
42	PIYALI SAHA	IIA	Galactic Physics and ISM	Optical Polarimetric Studies on L1616	Talk
43	Akshaya Subbanna M S	Christ (Deemed to be University)	Galactic Physics and ISM	Diffuse Ultraviolet Radiation at the Galactic Poles	Talk
44	Harsh Kumar	IIT Bombay	General Relativity and Gravitational Waves	Optical and Infra-red counterpart to Gravitational Waves : Kilonova	Poster
45	Ajit Kumar Mehta	ICTS, TIFR	General Relativity and Gravitational Waves	A "no-hair" test for binary black holes.	Talk
46	LANKESWAR DEY	Tata Institute of Fundamental Research	General Relativity and Gravitational Waves	Exploring the ultra-relativistic nature of the binary black hole system in the blazar OJ 287	Talk
47	Surajit Kalita	Indian Institute of Science, Bangalore	General Relativity and Gravitational Waves	Modified gravity to unify super and sub Chandrasekhar white dwarfs	Talk

48	GAYATHRI V	Indian Institute of Technology Bombay	General Relativity and Gravitational Waves	Driving unmodelled gravitational-wave transient searches using astrophysical information	Talk
49	Nirban Bose	PhD researcher IIT Bombay	General Relativity and Gravitational Waves	Gravitational waves from eccentric binaries	Poster
50	Tushar Mondal	IISc Bangalore	High Energy Astrophysics	Magnetized advective accretion flows around black holes.	Poster
51	Pranjupriya Goswami	Tezpur University	High Energy Astrophysics	On the origin of spectral curvatures of blazar Mkn 421	Poster
52	Rukaiya Khatoon	Tezpur University, Assam	High Energy Astrophysics	Interpretation of the flux distribution of blazars to understand the dynamics of particle acceleration.	Poster
53	Blessy Elizabeth Baby	ISAC Bangalore	High Energy Astrophysics	Probing the accretion disk geometry of Black Hole Binaries through Iron line-QPO correlation	Poster
54	Ashwani Pandey	ARIES Nainital	High Energy Astrophysics	X-Ray Flux and Spectral Variability of Six TeV Blazars with NuSTAR	Talk
55	Sudeb Ranjan Datta	IISc, Bangalore	High Energy Astrophysics	Nuclear astrophysics in binary accretion disk	Talk
56	Paramita Dasgupta	IIT Kanpur	High Energy Astrophysics	Simulation and modeling of ultra high energy cosmic ray signals detected by the ANITA experiment.	Talk
57	SNEHA PRAKASH MUDAMBI	CHRIST (Deemed to be University), Bengaluru	High Energy Astrophysics	Energy Dependent Rapid Temporal Behaviour of Cygnus X-1	Talk
58	Neal Titus Thomas	Christ (Deemed to be University)	High Energy Astrophysics	Comprehensive spectral and temporal variability studies of Cygnus X-2 with RXTE data	Talk
59	DIVITA SARAOGI	IIT Bombay	High Energy Astrophysics	X-ray counterparts to Gravitational waves	Talk
60	SWADESH CHAND	Guru Ghasidas Central University	High Energy Astrophysics	A spectral and Temporal study of the High Massive Black Hole Binary LMC X-1	Talk
61	Pratik Tarafdar	S. N. Bose National Centre for Basic Sciences	High Energy Astrophysics	Accreting Black Hole Systems as Classical Analogue Gravity Models	Talk
62	Sudip Chakraborty	Tata Institute of Fundamental Research, Mumbai, India	High Energy Astrophysics	Alignment of the jet with Black Hole spin: a hint from the TDE Swift J1644+57	Talk
63	Sanhita	Raman Research Institute (JAP)	High Energy Astrophysics	An intriguing partial eclipse in the high mass X-ray binary pulsar IGR J16393-4643	Talk
64	Gulafsha Begom Choudhury	Assam University, Silchar	Stellar Astrophysics	Study of the magnetic field geometry of a dark cloud CB17 in both optical and sub-millimeter wavelength	Poster
65	Madhu Kashyap Jagadeesh	Christ University	Stellar Astrophysics	Survey program to identify emission-line stars in open clusters older than 100 Myr	Poster
66	Nilam Navale	University of Mumbai	Stellar Astrophysics	Long Term Evolution of the Variability Classes in the Black Hole Binary GRS 1915+105	Talk
67	DHANYA J S	Research Scholar, MNIT, Jaipur	Stellar Astrophysics	INVESTIGATION OF A SYSTEM OF H II REGIONS ASSOCIATED WITH N36 BUBBLE AT THE GALACTIC BAR - NORMA ARM INTERFACE	Talk
68	Susmita Das	University of Delhi	Stellar Astrophysics	A study of light curve parameters of observed RR Lyrae stars and its comparison with theoretical models over multiple wavelengths	Talk
69	Bharti Arora	Aryabhatta Research Institute of Observational Sciences, Nainital.	Stellar Astrophysics	Deep X-ray study of colliding wind WN+O binary WR 25	Talk
70	Athira Unni	Indian Institute of Astrophysics	Stellar Astrophysics	Exoplanet host stars using Hanle Echelle Spectrograph	Talk
71	Vivek Kumar Singh	Sam Higginbottom University Of Agriculture, Technology and Sciences, Allahabad	Sun and Planetary Science	Study of rotation of Solar Corona by X-ray image observed by YOKOH	Poster
72	ASHEESH BHARGAWA	University of Lucknow	Sun and Planetary Science	An empirical Analysis of solar variability and climate	Poster

73	REETIKA JOSHI	Kumaun University Nainital	Sun and Planetary Science	Solar Jets : Small Scale Mass Eruptions from the Sun	Poster
74	Henal V Bhatt	M. G. Science Institute, Ahmedabad, Gujarat	Sun and Planetary Science	Compositional Mapping of Dionysius Crater of the Moon using Chandrayaan-1 Hyperspectra data	Poster
75	Maya Prabhakar	Indian Institute of Astrophysics	Sun and Planetary Science	Fabry-Perot interferometric studies of the solar coronal line profiles	Poster
76	A V Satya Kumar	CSIR-National Geophysical Research Institute, Hyderabad	Sun and Planetary Science	Gravity anomalies and crustal structure of the Lunar far side highlands A.V. Satya Kumar, R.P. Rajasekhar, V.M. Tiwari	Poster
77	Garima Sodha	RRSC-West/NRSC, ISRO	Sun and Planetary Science	Martian Aeolian Landforms with Migration of Barchan Dunes Using MOM MCC and MRO HiRISE Data	Poster
78	SOUMYARANJAN DASH	Center of Excellence in Space Sciences India	Sun and Planetary Science	Magnetofriction approach to model the solar corona	Poster
79	SUVADIP SINHA	CESSI	Sun and Planetary Science	Automatic detection of Solar filament and study its disappearance time	Poster
80	Harish	Physical Research Laboratory	Sun and Planetary Science	Craters in the vicinity of Valles Marineris, Mars: Implications for canyon history	Poster
81	Debesh Bhattacharjee	IISER Pune	Sun and Planetary Science	ICME Profile: Primary clues for their solid body like nature.	Talk
82	PRITHVI RAJ SINGH	A.P.S.UNIVERSITY REWA	Sun and Planetary Science	Influence of Hysteresis loop between the Solar Activity and Cosmic Rays during Solar Cycles 22-24	Talk
83	Chaudhari Sneha Rameshbhai	Kadi Sarva Vishvavidhyalaya, Gandhinagar	Sun and Planetary Science	Study of Halo CMEs affecting the Earth	Talk
84	Ritesh Patel	IIA	Sun and Planetary Science	Automated Detection of Coronal Mass Ejections in SWAP images	Talk
85	Bibhuti Kumar Jha	Indian Institute of Astrophysics	Sun and Planetary Science	Magnetic field dependence of sunspot tilt-angle: A study from SOHO/MDI data set	Talk
86	Ayesha Maryam Mazarbhuiya	Assam University, Silchar	Sun and Planetary Science	Imaging polarimetry of comet C/2015 V2 (Johnson) before perihelion.	Talk
87	RISHITOSH K. SINHA	PHYSICAL RESEARCH LABORATORY	Sun and Planetary Science	Geomorphic evidence of debris-flow deposits in Martian gullies: Implications for involvement of liquid water in their formation	Talk
88	Ranadeep Sarkar	Udaipur Solar Observatory, Physical Research Laboratory	Sun and Planetary Science	Morphological Evolution of Erupting Coronal Cavities Leading to Coronal Mass Ejections	Talk
89	Sushree Sangeeta Nayak	Udaipur Solar Observatory, Physical Research Laboratory	Sun and Planetary Science	Investigation of the magnetohydrodynamic evolution of a solar coronal jet	Talk
90	Sandeep Rout	PRL	Sun and Planetary Science	Bridging the soft X-ray gap in the solar spectrum with XSM-Chandrayaan2	Talk