

PS-4 (Astronomy and Astrophysics) - List of accepted abstracts for Oral Presentation

Abstract ID	Name	Affiliation	Title	Email Id
les - Observations				
PS4_009	Jithesh. V	Department of Physics and Electronics, CHRIST (Deemed to be University), Bengaluru, Inter-University Centre for Astronomy and Astrophysics (IUCAA), PB No. 4, Ganeshkhind, Pune 411007, India Department of Physics, Islamic University of Science and Technology, Awantipora, Kashmir 192122, India Center for Field Theory and Particle Physics and Department of Physics, Fudan University, 200438 Shanghai, China	Exploring the Spectro-Timing Properties of BHXRBs Using AstroSat and NICER	jithesh.v@christuniversity.in
PS4_016	Abhay Kumar	1 Physical Research Laboratory, Ahmedabad, India, 2 Kavli Institute of Astrophysics and Cosmology, Stanford University, 452 Lomita Mall, Stanford, CA 94305, USA, 3 Inter-University Centre for Astronomy and Astrophysics (IUCAA)	Hard X-ray spectral states in Cygnus X-1 and its polarisation dependence using AstroSat	rmrsayadav@gmail.com
PS4_059	Seshadri Majumder	Indian Institute of Technology Guwahati, Space Astronomy Group, ISITE Campus, U. R. Rao Satellite Centre	Polarimetric properties of black hole X-ray binaries with IXPE and XPoSat prospects	smajumder@iitg.ac.in
PS4_070	Sreetama Das Choudhury	Department of Physics, Indian Institute of Technology Guwahati; Department of Physics, Dayananda Sagar University; Department of Physics, Indian Institute of Technology Guwahati; Space Astronomy Group, ISITE Campus, U. R. Rao Satellite Centre	In quest of disc-jet connection in black hole X-ray binaries: A perspective of wide-band spectro-temporal results	d.sreetama@iitg.ac.in
d Gravitation - Theory				
PS4_050	Monu Singh	Indian Institute of Technology Guwahati	Properties of relativistic hot accretion flow around rotating black hole with radially varying viscosity	monu18@iitg.ac.in
PS4_068	Raj Kishor Joshi	ARIES	Effect of plasma composition on the dynamics of relativistic jets	joshirajkishor28@gmail.com
PS4_072	Camelia Jana	Indian Institute of Technology Guwahati	Estimation of mass outflow rates from relativistic magnetized accretion disc around rotating black holes	camelia_jana@iitg.ac.in
PS4_079	Soumen Mondal	Jadavpur University, Kolkata	Dissipative shocks in accretion flows: A theoretical forecast of the spectral state transitions in XRBs	crabhorizon@gmail.com
PS4_003	Arun Kenath	1Department of Physics and Electronics, CHRIST (Deemed to be University), Bangalore, India; 2Indian Institute of Astrophysics, Bangalore, India	MOND, MONG and the Oort cloud	kenath.arun@christuniversity.in
PS4_077	Soumen Mondal	Jadavpur University, Kolkata	How far Environmental effect can influence the parameter estimation of E/IMRI's in LISA Band : A study for the case of accretion disk.	crabhorizon@gmail.com
tars - Observations				
PS4_001	Suchismito Chattopadhyay	Government Girls' General Degree College, IUCAA	Study of the Spectral and Temporal evolution of GX 340+0 along the Z track.	suchismitochattopadhyay@gmail.com
PS4_002	Rahul Sharma	Raman Research Institute	AstroSat view of Neutron stars of different magnetic fields	rsharma@rri.res.in
PS4_040	Manoneeta Chakraborty	(a) Indian Institute of Technology Indore, (b) Istanbul University, (c) Sabanci University, (d) University of Maryland, (e) NASA Goddard Space Flight Center, (f) Georgia Institute of Technology, (g) California Institute of Technology, (h) Science and Technology Institute, (i) Technical University of Denmark, (j) Institut de Recherche en Astrophysique et Planétologie, (k) Massachusetts Institute of Technology	Probing thermonuclear flares on neutron stars and their interaction with accretion	manoneeta@iiti.ac.in

PS4_095	Birendra Chhotaray	Astronomy and Astrophysics Division, Physical Research Laboratory, Navrangpura , Ahmedabad - 380009, Gujarat, India; DTU Space, Technical University of Denmark, Elektrovej 327-328, DK-2800 Lyngby, Denmark; Astronomy and Astrophysics Division, Physical Research Laboratory, Navrangpura , Ahmedabad - 380009, Gujarat, India; Astronomy and Astrophysics Division, Physical Research Laboratory, Navrangpura , Ahmedabad - 380009, Gujarat, India; Astronomy and Astrophysics Division, Physical Research Laboratory, Navrangpura , Ahmedabad - 380009, Gujarat, India; MIT Kavli Institute for Astrophysics and Space Research, Massachusetts Institute of Technology, Cambridge, MA 02139, USA Astrophysics Science Division, NASA's Goddard Space Flight Center, Greenbelt, MD 20771, USA	Long-term study of the first galactic ultraluminous X-ray source Swift J0243.6+6124 using NICER	rsbirendra786@gmail.com
Stars and Galaxy				
PS4_092	Shashikiran Ganesh	Physical Research Laboratory	Mapping the dust and the magnetic field in the disc of the Milky Way using open cluster optical polarimetry	shashi@prl.res.in
PS4_015	Rishabh Singh Teja	1 Indian Institute of Astrophysics (IIA), II Block, Koramangala, Bengaluru-560034, Karnataka, India 2 Pondicherry University, R.V. Nagar, Kalapet, Pondicherry-605014, UT of Puducherry, India 3 Hiroshima Astrophysical Science Center, Hiroshima University, Higashi-Hiroshima, Hiroshima 739-8526, Japan; avinash21292@gmail.com 4 Department of Physics, Indian Institute of Technology Bombay (IIT-B), Powai, Mumbai 400076, India 5 Department of Physics, Graduate School of Advanced Science and Engineering, Hiroshima University, Kagamiyama, 1-3-1 Higashi-Hiroshima, Hiroshima 739-8526, Japan 6 Aryabhata Research Institute of Observational Sciences (ARIES), Manora Peak, Nainital-263001, Uttarakhand, India	Nearest supernova in decade 2023ixf: Rapid multi-wavelength followup & analysis using space and ground-based facilities	rishabh.teja@iiap.res.in
PS4_044	Harshal Raut	1Department of Astronomy, Astrophysics and Space Engineering, Indian Institute of Technology Indore, Indore 452020, India 2Joint Astronomy Programme, Indian Institute of Science, Bangalore 560012, India 3Department of Physics, Indian Institute of Science, Bangalore 560012, India	Multiple Component Stellar Disk in Galaxies	harshal1908.hr@gmail.com
PS4_013	Subhajit Kar	S.N. Bose National Centre for Basic Sciences, Kolkata; Christ University, Bengaluru, India	Unveiling Pulsational Instabilities: Exploring Radial Motion Dynamics in the Stellar Winds of a WC-Late Type Star	subhajit0596@gmail.com
PS4_019	Hema Banagere Prakash	Indian Institute of Astrophysics, Bengaluru	Detection and Measurement of Helium-Enrichment in Giants	hema.bp@iiap.res.in
PS4_093	Akhila D	(1). Department of Physics and Electronics, CHRIST(Deemed to be University),Bangalore, (2). Indian Institute of Astrophysics, Bangalore	Mid IR forbidden neon lines in Herbig Ae/Be stars	akhilakrishnapriya99@gmail.com
AGN				
PS4_097	B Ananthamoorthy	(1) Manipal Centre for Natural Sciences, Centre of Excellence, Manipal Academy of Higher Education, Manipal, Karnataka-576104	Study of AGN jet interaction on nearby galaxies in NGC 315	anantha.moorthy@learner.manipal.edu
PS4_045	Broja G Dutta	1. Department of Physics, RBC College, Naihati, North 24 Parganas, W.B, PIN 743165; 2. S.N. Bose National Centre for Basic Sciences, JD-Block, Saltlake, Kolkata 700098	The Origin of Hard/Soft lag in Galactic black hole binaries and bare-type AGN: Implication on accretion disk geometry	brojadutta@gmail.com
PS4_086	Sumana Nandi	Manipal Centre for Natural Sciences, Centre of Excellence, Manipal Academy of Higher Education	Finding the evolutionary link in between ULIRGs and radio galaxies	sumana.nandi@manipal.edu
PS4_104	Dr. Aswathy S	Providence Women's College, Calicut	Study of Central Light Concentration in Nearby Early-type Galaxies with Detectable Radio Emission	aswathysahaj@gmail.com
Observations				
PS4_074	Anshuman Tripathi	(a) Department of Astronomy, Astrophysics and Space Engineering, IIT Indore, Simrol, Indore, 453552, Madhya Pradesh, India (b) Jodrell Bank Centre for Astrophysics, Department of Physics and Astronomy, The University of Manchester, Manchester M13 9PL, UK	Extracting the HI 21cm Power Spectrum using Artificial Neural Networks	phd2001121001@iiti.ac.in

PS4_011	Shashank Shekhar Pandey	Department of Astrophysics and High Energy Physics, S. N. Bose National Centre for Basic Sciences, Block – JD, Sector – III, Salt Lake, Kolkata - 700106	Analyzing the 21-cm signal brightness temperature in the Universe with inhomogeneities	shashankpandey7347@gmail.com
PS4_020	Rashmi Sagar	Indian Institute of Technology Indore, Indore-452020, India. McGill University, Montreal, QC-H3A 2T8, Canada	Characterizing the Radio Background during the Epoch of Reionization using uGMRT Band-2 : ELAIS-N1 deep field observation	rashmisagar4546@gmail.com
PS4_056	Suvedha Suresh Naik	1Manipal Centre for Natural Sciences, Centre of Excellence, Manipal Academy of Higher Education, Dr. T.M.A. Pai Planetarium Building, Manipal 576 104, Karnataka, India; 2Indian Institute of Astrophysics, Koramangala II Block, Bangalore 560 034, India	Imprints of the cosmic inflation in the redshifted 21 cm signal	suvedha.snaik@gmail.com
PS4_065	Himanshu Grover	IIT Roorkee India; UCT South Africa; NCRA-TIFR India; NAO-CAS China; SINP India; BITS Pilani - Hyderabad India; NWU South Africa; IITH India; UNN Nigeria	Pulsar Glitch monitoring with the uGMRT and the ORT	himanshu_g@ph.iitr.ac.in
PS4_101	Swarna Chatterjee	Indian Institute of Technology Indore	Exploring the extended radio structures in merging galaxy clusters	phd1901121010@iiti.ac.in
Fast Transients (GRB)				
PS4_014	Pallavi Saraf	Indian Institute of Astrophysics, Bangalore	Can a single site alone explain the r-process enrichment in the Galaxy?	pallavi.saraf@iiap.res.in
PS4_073	Amit Kumar	Indian Institute of Technology, Guwahati	Study of Neutrino dominated accretion flow around rotating black hole	kamit@iitg.ac.in
PS4_029	Utkarsh Pathak	1 Department of Physics, IIT Bombay, Powai, Mumbai - 400076, India 2 Division of Physics, Mathematics and Astronomy, California Institute of Technology, Pasadena, CA 91125, USA 3 Department of Astronomy, University of Maryland, College Park, MD 20742, USA 4 Inter-University Centre for Astronomy & Astrophysics, Post Bag 4, Ganeshkhind, Pune, 411007, India 5 Indian Institute of Astrophysics, 2nd Block 100 Feet Rd, Koramangala Bangalore, 560 034, India 6 Ashoka University, Department of Physics, Sonapat - 131029, India 7 Center for Astrophysics, Harvard & Smithsonian, 60 Garden Street, Cambridge, MA 02138-1516, USA 8 National Radio Astronomy Observatory, 520 Edgemont Road, Charlottesville, VA, 22903, USA	GRB230812B - Exploring Jet Physics and Polarization for an Extremely Bright Gamma Ray Burst	utkarshpathak.07@gmail.com
PS4_109	Ramadevi M C	1 U.R. Rao Satellite Centre, Bangalore, 2 INAF – Cagliari Astronomical Observatory	AstroSat Observations of a repeating FRB 20180916B	mc.ramadevi@gmail.com
Interstellar Medium and Astro-Chemistry				
PS4_094	Dr. Ragav Ramachandran	1Physical Research Laboratory, Ahmedabad, India., 2Indian Institute of Science Education and Research, Bhopal, India. 3Indian Institute of Technology, Gandhinagar, India. 4Bhabha Atomic Research Centre, Mumbai, India., 5International Space University, Strasbourg, France., 6School of Physics and Astronomy, University of Kent, Canterbury, UK.	Etching of ISM cold dust – A conceivable dust destruction process in astrochemical icy conditions	ragav.kasak@gmail.com
PS4_022	Soumita Chakraborty	S. N. Bose National Centre for Basic Sciences, Kolkata, India	Studies of Star-forming Region: Sh2-88	soumitach25@gmail.com
PS4_080	Sipra Hota	Indian Institute of Astrophysics, Indian Institute of Astrophysics, Macquarie University	Deciphering the hierarchical star formation within the Small Magellanic Cloud using the UVIT/AstroSat.	siprahota1997@gmail.com
PS4_023	Naval Kishor Bhadari	Physical Research Laboratory, Ahmedabad, India	Unraveling the Formation of Massive stars Filamentary Clouds	naval1996kishor@gmail.com
PS4_042	shivam kumaran	EPSA, Space Applications Centre, ISRO Ahmedabad	Identification of filamentary structure in the Interstellar medium using Terahertz observations.	kumaranshivam101@gmail.com
PS4_083	Dr. Dipen Sahu	1Physical Research Laboratory, India; 2Academia Sinica Institute of Astronomy and Astrophysics, Taiwan; 3NRC Herzberg Astronomy and Astrophysics, Canada; 4The University of Texas at Austin, USA; 5Nobeyama Radio Observatory, National Astronomical Observatory of Japan	Digging into fundamental processes of star formations inside prestellar cores and its connection with astrochemistry	dipenthink@gmail.com
Instrumentation				
PS4_036	Manish Chauhan	Space Applications Centre, ISRO, Ahmedabad	Site characterisation of Hanle for observations in the Terahertz regime	manish.chauhan@sac.isro.gov.in

PS4_060	Mudit Srivastava	1: Physical Research Laboratory, Ahmedabad 2: University of Cologne, Germany	Development of ProtoPol – a medium resolution echelle spectro-polarimeter for PRL Telescopes	mudit@prl.res.in
PS4_087	Anuraag Arya	1. Department of Physics IIT Bombay, Powai, Mumbai – 400076, 2. Department of Astronomy and Astrophysics, TIFR, Colaba, Mumbai – 400076, 3. ICSP, Netaji Nagar, Kolkata – 700099, 4. Astronomy and Astrophysics division, PRL, Ahmedabad - 380054	Demonstration of Compton Imaging in Hard X-rays	arya.a@iitb.ac.in
PS4_107	Debbijoy Bhattacharya	1. Manipal Centre for Natural Sciences, Centre of Excellence, Manipal Academy of Higher Education, Manipal 576104, India 2. Space Astronomy Group, PDMSA, U. R. Rao Satellite Centre, Bangalore 560017, India E-mail of the corresponding/presenting Author: debbijoy.b@manipal.edu	A Wide Field X-ray Spectroscopic mission: A concept design	debbijoy.b@manipal.edu

PS-4 (Astronomy and Astrophysics) - List of accepted abstracts for Poster Presentation

Abstract ID	Name	Affiliation	Title	Email Id
PS4_064	Reshma Raut Dessai	School of Physical and Applied sciences Goa University Taleigao Plateau, Panjim, Goa 403206, India; Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune	Temporal, Spectral and QPOs study of GRS 1915+105 using ASTROSAT	reshma@unigoa.ac.in
PS4_039	Raj Kumar	[1] Astrophysical Sciences Division, Bhabha Atomic Research Centre, Mumbai 400085, India [2] Homi Bhabha National Institute, Mumbai 400094, India	Astrosat view on the non-linear variability in black hole X-ray binaries	arya95raj@gmail.com
PS4_047	Prajwal Majumder	1 Department of Physics, Rishi Bankim Chandra College, Naihati, West Bangal; 2 Space Astronomy Group, ISITE Campus, U. R. Rao Satellite Centre, Outer Ring Road, Marathahalli, Bangalore	An AstroSat view of time-lag properties of High Frequency Quasi-periodic Oscillations (HFQPOs) in GRS 1915+105	majumderprajwal@gmail.com
PS4_096	Arijit Roy	1Physical Research Laboratory, Ahmedabad, India. 2 Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvananthapuram, India. 3 Indian Institute of Science, Bangalore, India. 4 Western University, Ontario, Canada. 5 Bhabha Atomic Research Centre, Mumbai, India. 6International Space University, Strasburg, France. 7 University of Kent, Canterbury, UK.	Fate of PAHs behind the shock front	arijit.roybwn11@gmail.com
PS4_088	Shivanshi Gupta	1Physical Research Laboratory, Ahmedabad, India. 2Center for Condensed Matter Theory, Department of Physics, Indian Institute of Sciences, Bangalore, India. 3Biochemistry and Structural Biology Division, CSIR- Central Research Drug Institute, Lucknow, India. 4Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore, India. 5 DST Unit of Nanoscience (DST UNS) and Thematic Unit of Excellence (TUE), Department of Chemistry, Indian Institute of Technology Madras, Chennai, India. 6National Synchrotron Radiation Research Center, Hsinchu, Taiwan. 7Atomic and Molecular Physics Division, Bhabha Atomic Research Centre, Mumbai, India. 8School of Physical Sciences, University of Kent, CT2 7NH, Canterbury, UK.	Astrochemical icy mantles – Can there be a mantle beyond the melting point on an ISM cold dust?	shivanshigupta997@gmail.com
PS4_099	Wafikul Khan	1 Physical Research Laboratory, Ahmedabad, India, 2 Indian Institute of Technology (IIT) Gandhinagar, India, 3Space Physics Laboratory, Vikram Sarabhai Space Center, Thiruvananthapuram, India 4International Space University, Strasbourg, France 5Institute of Astronomy, Space and Earth Science, Kolkata, India 6 University of Kent, Kent, UK	Molecules containing two OH ends prevent water ice from crystallizing - implications to cometary and ISM ices	wafikulkhan36@gmail.com
PS4_100	Wafikul Khan	1 Physical Research Laboratory, Ahmedabad, India, 2 Indian Institute of Technology (IIT) Gandhinagar, India, 3 University of Kent, Kent, UK	Mid-IR spectroscopy of phenylacetylene at low temperature	wafikulkhan36@gmail.com
PS4_098	Abhishek Jhala	Manipal Centre for Natural Sciences, Centre of Excellence, Manipal Academy of Higher Education	Probing the emission region in astrophysical jets from multiband correlation study	abhishekhjala19@gmail.com
PS4_089	Ayushi Chhipa	Indian Institute of Astrophysics	Simultaneous study of Variability of AGNs in different wavelengths	acayushi100@gmail.com
PS4_105	Samik Mitra	IIT Guwahati, HRI Allahabad, IIT Guwahati	Impact of net vertical field on thick accreting torus around black holes	physik11du@gmail.com
PS4_063	Sangita Maiti	Rishi Bankim Chandra College (1,2); U. R. Rao Satellite Centre (3)	A comparative view of accretion dynamics in XTE J1550-564 during the 1998 and 2000 outbursts	maitisangita18@gmail.com

PS4_067	Nrendranath Layek	1.Astronomy and Astrophysics Division, Physical Research Laboratory, Navrangpura Ahmedabad 380009, Gujarat, India 2.Instituto de Estudios Astrofisicos, Facultad de Ingenieria y Ciencias, Universidad Diego Portales, Av. Ejército Libertador 441, Santiago, Chile	Long-term X-ray temporal and spectral study of a Seyfert galaxy Mrk 6	narendranathlayek2017@gmail.com
PS4_106	Aman Das	Department of Astrophysics and High Energy Physics, S N Bose National Centre for Basic Sciences	Young complex rotator and its role on planetary companion's atmosphere	dasaman202@gmail.com
PS4_012	Soumyabrata Mondal	1Department of Physics, KKM College, Jamui, Bihar, India -811307; 2Department of Physics, Bidhannagar College, Salt Lake, West Bengal, India -700064	Characterisation of Hot Jupiter population	smbnc.online@gmail.com
PS4_091	Rishikesh Sharma	Physical Research Laboratory, Ahmedabad, Gujarat, India-380009	From PARAS to PARAS-2:- A Journey Towards Super-Earths	rishi.jnvk2011@gmail.com
PS4_004	Dheerajkumar Khonde	1. Indian Institute of Space Science and Technology, Thiruvananthapuram, Kerala, India 2. Physical Research Laboratory, Ahmedabad, Gujarat, India 3. Aryabhata Research Institute of Observational Sciences, Nainital, Uttarakhand, India 4. The Inter-University Centre for Astronomy and Astrophysics, Pune, Maharashtra, India 5. Institut für Physik und Astronomie, Universität Potsdam, Golm, Germany	Multiphase Nature of Gas Surrounding Galaxies	dheerajkumarkhonde@gmail.com
PS4_008	Pravi Mishra	University of Lucknow	Theoretical Investigation of Allylimine Formation in the Interstellar Space	pravimishra231@gmail.com
PS4_026	Samridhi Kulkarni Paranjpe	1.Govt Science College, Jabalpur(M.P.) 2,4. Pt. R.S.University, Raipur(C.G.) 3. IIA, Bangalore 4.M.P.Council of Science and Technology, Bhopal(M.P.)	Study of Dust property and Ionized gas in E/SO Galaxies with Dust	samridhikulkarni2005@gmail.com
PS4_046	Kiren OV	Christ University, Bangalore – 560029 Indian Institute of Astrophysics, Bangalore – 560034 St Clare Pre University College, Bangalore - 560013	Supermassive black hole formation in the early universe	kiren.ov@res.christuniversity.in
PS4_049	Louise Rebecca	Christ (Deemed to be University), Indian Institute of Astrophysics	Some Consequences of MONG for Tidal Forces in Fornax cluster	louiserheanna.rebecca@res.christuniversity.in
PS4_069	Gargi Sen	Indian Institute of technology Guwahati, Guwahati 781039, India	Relativistic accretion flow dynamics around a Kerr-like wormhole	sengargi21@gmail.com
PS4_084	Prasad Basu	Assistant Professor, Cotton University, Department of Physics	Comparing the visibility of the different types accretion disks through gravitational wave observations.	prasadcsp@gmail.com
PS4_041	Pranali Laxman Thakur	1) Indian Institute of Geomagnetism (IIG), Navi Mumbai, 2) Equatorial Geophysical Research Laboratory, IIG, Tirunelveli, India.	Low energy gamma-ray variation on the ground during GRB 221009A	thakurpranali8085@gmail.com
PS4_027	Neeraj K. Tiwari	Physical Research Laboratory, Ahmedabad, Gujarat, India	Ray-Tracing Tool for Imaging Telescopes in X-ray Astronomy	neerajti32@gmail.com
PS4_028	Neelam J S S V Prasad	Physical Research Laboratory	Precise Temperature and Pressure Control of PARAS-2 High-Resolution Spectrograph	prasad.neelam789@gmail.com
PS4_030	Kevikumar A. Lad	Physical Research Laboratory, Department of Space, Ahmedabad	Design and Development of Cassegrain unit for PARAS-2	kevi96.lad@gmail.com
PS4_071	Ankita Patel	Physical Research Laboratory	ProtoPol Instrument- Control System Hardware Aspects and Software Development	ankitapatel238@gmail.com
PS4_025	Kapil Kumar	Physical Research Laboratory, Ahmedabad, Gujrat, India	Indigenous Development of Atmospheric Dispersion Corrector (ADC) for PARAS-2 Spectrograph	kapil.iist11@gmail.com
PS4_034	Radhika Dharmadhikari	Indian Institute of Astrophysics	Co-Phasing of Segmented Mirrors using the Dispersed Fringe Sensor	radhikad3010@gmail.com
PS4_035	Ayush Nema	Tata Institute of Fundamental Research, Mumbai	The search for transients through statistical background characterisation of the LAXPC/Astrosat	ayushn123@gmail.com
PS4_037	Sanjay Baliwal	1 Physical Research Laboratory, Ahmedabad - 380009, India 2 Indian Institute of Technology, Gandhinagar - 382355, India	Precise Wavelength Calibration and Instrumental Drift Analysis of PARAS-2 using Uranium Lines	sanjaybaliwal1998@gmail.com
PS4_076	Alka	Physical Research Laboratory	Astronomical Polarimetry using EMCCD based Optical Imaging Polarimeter (EMPOL)	alkasinghshekhawat.1994@gmail.com
PS4_078	Deekshya Roy Sarkar	Deekshya R.S, Alka, A.B. Shah, Prashanth Kasarla, P. S. Patwal, Prachi Prajapati, Anwesh Mishra, Hitesh Adalja, Sachindra Naik, Shashikiran Ganesh	Electronics Design, Development, and Testing for the Near Infrared Imager, Spectrometer and Polarimeter for the PRL 2.5m telescope	mishraanwesh@gmail.com
PS4_062	Narendra Nath Patra	DAASE, IIT Indore	An automated pipeline for analysing radio interferometric data	naren@iiti.ac.in

PS4_075	Samit Kumar Pal	IIT INDORE	Constraining the ionospheric effect on EoR observation with the SKA1-Low Telescope	phd2101121008@iiti.ac.in
PS4_048	Diya Ram	S. N. Bose National Centre For Basic Sciences	Stellar Activity and Probable Star-Planet Interaction in AD Leonis	ramdiya1996@gmail.com
PS4_081	Ranjana Jaiswal	D D U Gorakhpur University, Gorakhpur	Kinematic analysis of young open cluster NGC 6604 using GAIA DR3 and 2MASS JHK data	aparatrip@gmail.com
PS4_085	Atul Kumar Singh	(1) Department of Physics, Deen Dayal Upadhyaya Gorakhpur University, Civil Lines, Gorakhpur, India 273009 (2) Aryabhata Research Institute of Observational Sciences (ARIES), Manora Peak, Nainital, India 263001	Study of late-phase stars from 3.6m Devasthal Optical Telescope in Near Infrared Region.	atul10j@gmail.com
PS4_021	Arup Kumar Maity	Physical Research Laboratory*, Nagoya University**	Origin of Hub-Filament Systems through Cloud-Cloud Collision	1996arupkumar@gmail.com
PS4_031	Rajib Kumbhakar	S.N. Bose National Centre for Basic Sciences	TESS Photometric Variability of Young Brown Dwarfs in the Taurus Star-forming Region	rajskbuph0@gmail.com
PS4_066	Soumik Kar	Physical Research Laboratory	Significance of Water Vapor Distribution in Protoplanetary Disk	soumikkar1998@gmail.com
PS4_090	Rittik Ram Bhattacharjee	Department of Physics, Tezpur University, Napam, Assam, India, 781031	Spectral Analysis of Far-Ultraviolet Radiation in the Star-Forming Region NGC346: Integrating FUSE Observations with Radiative Transfer Modelling	smartrittik@gmail.com
PS4_032	Dr. Pramod G. Musrif	Dr. P.G. Musrif, AISSMS, Institute of Information Technology, Pune	Analysis of stability among C8H14 Isomers: DFTLevel study and identification in Space	pramod.musrif@aissmsioit.org
PS4_057	Sidhartha AJ	Hindustan Institute of Technology and Science	Timing and spectral analysis of Vela x-1 and crab nebula pulsar; A comparative study using AstroSat and HEAsoft	ajsid2005@gmail.com
PS4_082	Tiasha Biswas	Indian Institute of Technology Indore(IIT Indore)	Concept Study of Radio Interferometry in Space using Small Satellites	msc2203121012@iiti.ac.in
PS4_103	Payal Suthar	Independent Researcher	Dark matter in the Universe	payalsuthar2202@gmail.com
PS4_043	Sakshi Gaonkar	Dyanprassarak mandal college and research centre	Black hole maths	2202070.stu@dmscollege.ac.in
PS4_110	C. Swastik	1. Indian Institute of Astrophysics 2. Institut de Planetologie et d'Astrophysique de Grenoble, France 3. European Southern Observatory, Chile 4. University of Potsdam, Germany	The Search for Planet around LkCa 15 protoplanetary disk	swastikchowbay4@gmail.com
PS4_111	Manish N. Sanghani	1Noble University, India, 2Physical Research laboratory, India, 3Academia Sinica Institute of Astronomy and Astrophysics, Taiwan, 4Institute of Earth Sciences, Taiwan, 4Carnegie Institution for Science, Washington DC, 5GLOBE Institute, Denmark	High Resolution Mg-Si Isotopic Measurements of Presolar Silic	manish.sanghani@ngivbt.edu.in
PS4_112	Vikas Soni	Kinsuk Acharyya	Quenching Approximation in The Retrieval Models For exo(pla	soniv100@gmail.com
PS4_113	VIPIN DAS V	(1) Department of Physics, University College, Thiruvananthapuram – 695 034 (2) Department of Physics, Sri Sathya Sai Arts & Science College, Saigramam, Thiruvananthapuram – 695 104	PROBING THE ASSOCIATIONS BETWEEN PRIMORDIAL	vipindasv@universitycollege.ac.in