

List of Selected Abstracts in Stars,ISM and the Galaxy

| Name | Conference ID | Affiliation | Title | Abstract Type |
|-----------------------|---------------|--|--|---------------|
| Shruthi S Bhat | ASI2017_431 | Christ University | Near-Infrared Spectroscopic Study of Classical Be Stars | Poster |
| Gaurava K Jaisawal | ASI2017_432 | Physical Research Laboratory, Ahmedabad | First detection of cyclotron resonance scattering feature in high mass X-ray binary pulsar SMC X-2 with NuSTAR | Oral |
| Sujan Sengupta | ASI2017_436 | Indian Institute of Astrophysics | EXO-MOONS | Poster |
| Akshaya Subbanna M S | ASI2017_440 | Christ University | Modelling the Diffuse Ultraviolet Radiation towards Galactic Cirrus Cloud G251.2+73.3 | Poster |
| Arghajit Jana | ASI2017_455 | Indian Centre for Space Physics | Properties of Accretion Flow around BHC Swift J1753.5-0127 | Poster |
| Kaushal Sharma | ASI2017_456 | Department of Physics & Astrophysics, University of Delhi | Low-resolution spectroscopic investigation of Am stars | Poster |
| Anindita Mondal | ASI2017_508 | S N Bose National Centre for Basic Sciences | Spectroscopic analysis of slow nova V558 Sgr during its 2007 outburst using photoionization code CLOUDY | Poster |
| Lokesh Kumar Dewangan | ASI2017_522 | Physical Research Laboratory | The physical environment around IRAS 17599-2148: infrared dark cloud and bipolar nebula | Poster |
| SATHYANARAYANAN | ASI2017_534 | AMRITA UNIVERSITY | Dust Scattering from the Taurus Molecular Cloud | Poster |
| Rupal Basak | ASI2017_545 | Nicolaus Copernicus Astronomical Center, Warsaw | Spectral study of the hard state of GX 339-4 and Cygnus X-1 | Oral |
| MAYUKH PAHARI | ASI2017_548 | IUCAA, Pune | AstroSat/LAXPC hard X-ray view of Galactic micro-quasars : A new window to explore hard X-ray variability above 20 keV | Poster |
| Subhajeet Karmakar | ASI2017_562 | Aryabhata Research Institute of observational Sciences (ARIES), Nainital | A Very Long and Hot X-ray flare on an RS CVn type eclipsing binary SZ PSc | Poster |
| neelam panwar | ASI2017_582 | University of Delhi | Stellar content and mass function of the cluster Be 59 towards the low-mass end | Oral |
| Firoza Sutaria | ASI2017_597 | Indian Institute of Astrophysics | UV studies of X-ray and optically bright SNRs. | Poster |
| Richa Kundu | ASI2017_615 | University of Delhi | Multiphase PL-PC Relations for Cepheids | Poster |

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|-----------------------|-------------|--|---|--------|
| GAUTAM SAIKIA | ASI2017_634 | TEZPUR UNIVERSITY | Infrared polarization of Circumstellar Dust | Poster |
| MRIDUSMITA BURAGOHAIN | ASI2017_636 | TEZPUR UNIVERSITY | Infrared spectra of PAH molecules with aliphatic side groups | Poster |
| Neelam Dhanda Batra | ASI2017_646 | BITS-Pilani Hyderabad Campus | The strength of gravitational wave emission from the isolated neutron stars at finite entropy | Poster |
| Malu S | ASI2017_680 | Department of Astronomy, Osmania University, Hyderabad | VARIABLE O' CONNELL EFFECT IN AN OVERCONTACT BINARY SYSTEM K2 EPIC 211957146 | Poster |
| V.Venkataraman | ASI2017_681 | Physical Research Laboratory | Modelling of Mid-infrared Features in Post-AGB Stars | Oral |
| NAFISA AFTAB | ASI2017_682 | RAMAN RESEARCH INSTITUTE | X-ray reprocessing: Through eclipse spectra of High and Low Mass X-ray Binaries | Oral |
| Pragati Pradhan | ASI2017_698 | North Bengal University & Raman Research Institute | Multitude of iron lines in OAO 1657-415 with Chandra | Oral |
| Snehalata Sahu | ASI2017_705 | Indian Institute of Astrophysics | UVIT Imaging of the globular cluster NGC 288 | Oral |
| Supriyo Ghosh | ASI2017_706 | SNBNCBS | The Near-Infrared Spectral Calibration of Late-type Giant Stars from medium resolution HK-band Spectra | Poster |
| Sumit Kumar | ASI2017_707 | International centre for theoretical sciences, TIFR, Bengaluru | Distinguishing population synthesis models of the evolution of binary black holes using gravitational wave observations | Poster |
| AMIT PATHAK | ASI2017_708 | TEZPUR UNIVERSITY | The Deuterium abundance in astrophysical PAHs | Oral |
| SOMNATH DUTTA | ASI2017_715 | S. N. Bose National Centre for Basic Sciences | Stellar population and the star formation histories of distant Galactic HII regions NGC 2282 and Sh 2-149 Complex | Oral |
| Kaushar Vaidya | ASI2017_716 | Birla Institute of Technology and Science-Pilani | IRAS 10427-6032 - An Embedded Star Cluster in the outskirts of the Carina Nebula | Poster |
| Jayashree Roy | ASI2017_727 | Center for Excellence in Basic Sciences, Mumbai | Temporal and Spectral study of 4U 1626-67 with LAXPC (ASTROSAT) | Oral |
| Ananta Charan Pradhan | ASI2017_735 | NIT Rourkela | The GALEX observations of planetary nebulae. | Oral |
| varun | ASI2017_738 | Research Scholar, Raman Research Institute | Astrosat LAXPC observation of the rotation powered pulsar PSR B 1598-58 | Oral |
| Priya Hasan | ASI2017_740 | MANUU, Hyderabad | A tale of two Populations: NGC 281 | Oral |
| Syed Najamul Hasan | ASI2017_741 | MANUU, Hyderabad | Mass Segregation in NGC 1893 and IC 1805 | Poster |

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|-----------------------|-------------|--|---|--------|
| SACHINDRA NAIK | ASI2017_754 | Physical Research Laboratory, Ahmedabad | Recent Results on Cyclotron Resonance Scattering Features in Accretion Powered X-ray Pulsars | Oral |
| Gayathri Raman | ASI2017_769 | Raman Research Institute | Re-visiting the ultra-compact X-ray pulsar 4U 1626-67 using SALT | Poster |
| Susmita Das | ASI2017_815 | University of Delhi | A Comparative Analysis of Theoretical and Observed light curves of RR Lyrae variables | Poster |
| DR. Broja Gopal Dutta | ASI2017_820 | RBC College, (West Bengal State University), Naihati, North Twenty Four Parganas, W.B., 743165 | Implication of disk inclination on Hard and Soft lags in binary systems | Oral |
| Prasanta Bera | ASI2017_835 | Research Scholar, IUCAA | Spectral and timing properties of the magnetic CVs | Oral |
| Avishek Kumar Basu | ASI2017_837 | National Center for Radio Astrophysics-Tata Institute of Fundamental Research | Simultaneous Radio and X-ray Observation of Crab Pulsar | Oral |
| ARUN KUMAR NAIDU | ASI2017_854 | National Centre for Radio Astrophysics | Simultaneous multi-frequency single pulse observations of pulsars | Oral |
| Krishnakumar M.A | ASI2017_905 | Radio Astronomy centre, NCRA-TIFR, Ooty and Bharatiar University, Coimbatore | Towards understanding the ISM turbulence using pulsars | Oral |
| Amritaksha kar | ASI2017_909 | Assam university silchar | Laboratory photometry of regolith analogue: Variation of phase curves for different porosity | Poster |
| Lalitha Sairam | ASI2017_925 | Indian Institute of Astrophysics | High-energy environment of exoplanets around low-mass stars | Poster |
| Ekta Sharma | ASI2017_929 | ARIES | STUDY OF CORES EVOLUTION USING MAGNETIC FIELD AND PHYSICAL PROPERTIES | Poster |
| Manoj Puravankara | ASI2017_933 | TIFR, Mumbai | Underabundance of water behind interstellar shocks: Implications for the oxygen budget of the ISM | Oral |
| Sarmistha Banik | ASI2017_946 | BITS Pilani, Hyderabad Campus | universal relations of rotating neutron stars with exotic matter | Poster |
| Siddhartha Gupta | ASI2017_951 | Research scholar, Joint Astronomy Programme, IISc and RRI | Lack of thermal energy in superbubbles : hint of cosmic rays ? | Oral |
| Indulekha Kavila | ASI2017_956 | Mahatma Gandhi University | IMF Variations and the Small Variations in Fundamental Star Formation Relations | Poster |
| Nirmal Iyer | ASI2017_961 | Raman Research Institute | Orbital intensity modulation of IGR J16318-4848 and associated spectral variations | Poster |

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|-----------------------|--------------|--|---|--------|
| Karamveer Kaur | ASI2017_970 | Raman Research Institute,Bangalore | Non-Axisymmetric Instabilities of a Stellar Disc around a Black Hole | Oral |
| Ajaz Ahmad Dar | ASI2017_1038 | Dept. of physics, university of kashmir | Study of Star-spot related Activities in W-Uma | Poster |
| Tejpreet Kaur | ASI2017_1041 | Panjab University, Chandigarh | THE CHEMICAL EVOLUTION OF THE MILKY WAY GALAXY | Poster |
| Bharti Arora | ASI2017_1093 | Aryabhata Research Institute of Observational Sciences, Nainital | X-ray observations of a colliding wind binary WR-25. | Oral |
| Bryan Rithesh Miranda | ASI2017_1099 | Bangalore University | Detecting UV bright stellar population in Open Cluster Remnants | Oral |
| Rahul Sharma | ASI2017_1107 | University of Delhi | Spectroscopic study of the dipping behaviour of MXB 1658-298 with XMM-Newton | Poster |
| Geeta Rangwal | ASI2017_1108 | Kumaun University | Interstellar extinction study in the direction of five young open clusters | Poster |
| Vineet Kumar Mannaday | ASI2017_1121 | Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) | Comparative Study of JKTEBOP and TAP codes for Estimating Physical and Orbital Parameters of Extra-solar Planetary Systems | Poster |
| SUBHRATA DEY | ASI2017_1128 | CHRIST UNIVERSITY | Study of Nitrogen abundance in carbon stars | Poster |
| Saikruba .K | ASI2017_1134 | University of Madras | High mass X-ray binaries in the Galaxy | Poster |
| Indrani Banerjee | ASI2017_1142 | S. N. Bose National Centre for Basic Sciences | Analysis of spectral characteristics of the persistent source Cygnus X-1 using the TCAF Solution | Poster |
| AYAN BHATTACHARJEE | ASI2017_1144 | Senior Research Fellow | Monte-Carlo Simulations of Thermal Comptonization Process in a Two Component Advective Flow around a Neutron Star | Poster |
| Swagat Ranjan Das | ASI2017_1145 | Indian Institute of Space Science and Technology | Star formation associated with infrared bubbles | Oral |
| Debashish Jena | ASI2017_1147 | National Institute of Science Education & Research (NISER) | Probing the zoo of isolated neutron stars in the Galaxy with statistical techniques | Poster |
| Arka Chatterjee | ASI2017_1152 | Indian Centre for Space Physics | Image and Time Lag properties of Photons emitted from a Two Component Advective Flow as obtained from the Monte-Carlo Simulations | Poster |
| Debjit Chatterjee | ASI2017_1153 | Junior Research Fellow | Spectral and Temporal properties of MAXI J1543-564 during initial phase of its 2011 outburst | Poster |
| Amith Govind | ASI2017_1160 | Christ University | Classical Be Stars and their Different $H\beta$ Profiles | Poster |

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|------------------------|--------------|---|---|--------|
| Vatsal Panwar | ASI2017_1169 | Birla Institute of Technology and Science, Pilani (Pilani Campus) | A study of stellar magnetic activity of M dwarfs from Kepler-2 photometry | Poster |
| Souradeep Bhattacharya | ASI2017_1170 | Birla Institute of Technology and Science, Pilani | Stellar Mass Segregation of the aged Galactic Open Cluster Berkeley 17 | Poster |
| Abdul Jaleel PP | ASI2017_1178 | University of Delhi | Spectroscopic study of faint X-ray Pulsators | Poster |
| GAURAV SINGH | ASI2017_1179 | Aryabhata Research Institute of Observational sciences(ARIES) | Proper motion study of star clusters | Poster |
| Tirthendu Sinha | ASI2017_1183 | Aryabhata Research Institute of Observational Science | Optical variability of stellar sources in star forming regions | Poster |
| PRANJUPRIYA GOSWAMI | ASI2017_1188 | TEZPUR UNIVERSITY | Dust modelling in the Large Magellanic Cloud | Poster |
| Sanhita | ASI2017_1200 | Raman Research Institute | An intriguing partial eclipse in the high mass X-ray binary pulsar IGR J16393+4643 | Oral |
| Nilam Raghunath Navale | ASI2017_1207 | Dayanand Science College, Latur, Maharashtra | Long Term X-ray Variability Characteristics of Black Hole Binary GRS 1915+105 | Poster |
| Rahul Bandyopadhyay | ASI2017_1213 | Satyendra Nath Bose National Centre for Basic Sciences, Kolkata | Morpho-Kinematical Study of Nova V477 Scuti | Poster |
| Mahathi Chavali | ASI2017_1217 | Manipal Institute of Technology | Comparative analysis of X-ray emission from T Tauri stars and Herbig Ae/Be stars | Oral |
| Dr. Sabyasachi Pal | ASI2017_1228 | Indian Centre for Space Physics | Galactic and extra-galactic transient radio sources | Poster |
| Kuldeep Singh | ASI2017_1229 | ARIES, Nainital | Theoretical study of astrophysical wind outflows and shocks from stars and compact objects. | Poster |
| CHETANA JAIN | ASI2017_1232 | Hansraj College, University of Delhi | Orbital decay of the low mass X-ray binary MXB 1658-298 and indication of a massive circumbinary planet from X-ray eclipse timing | Oral |
| Blesson Mathew | ASI2017_1236 | TIFR | The curious case of PDS 11: a nearby, >10 Myr old, classical T Tauri binary system | Oral |
| Sindhu N | ASI2017_1240 | VIT University | How hot are Blue Stragglers? | Oral |
| Shreeram Nagarkoti | ASI2017_1248 | Indian Centre for Space Physics | Study of the Spectral and Timing properties of H1743-322 during its 2003 outburst using the TCAF solution | Poster |

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|------------------------|--------------|--|---|--------|
| harmeen kaur | ASI2017_1250 | kumaun university nainital | Multiwavelength studies of star forming regions | Poster |
| Mohana Thara C | ASI2017_1252 | Christ University, Bangalore | STUDY OF THE TRANSIENT NATURE OF Be STARS | Poster |
| SATADAL DATTA | ASI2017_1268 | Senior Research Fellow | Bondi flow revisited | Poster |
| Devendra Bisht | ASI2017_1271 | Physical Research Laboratory | Astrophysical parameters of poorly studied open cluster NGC 5617 | Poster |
| Abinaya Swaruba R | ASI2017_1279 | Christ University | Spectroscopic study of blue stragglers in opencluster M67 | Poster |
| Indu Kalpa Dihingia | ASI2017_1288 | PhD | Two-temperature accretion flow around black holes | Poster |
| Md Ramiz Aktar | ASI2017_1289 | PhD | accretion-ejection mechanism from dissipative accretion disk around rotating black holes | Poster |
| Pratheeksha Nayak | ASI2017_1294 | Indian Institute of Space Science and Technology | OI Lines in Herbig Ae/Be Stars | Poster |
| K. Sriram | ASI2017_1297 | Department of Astronomy | Anti-correlated lags in a Z-source GX 17+2 | Poster |
| Kakoli Bora | ASI2017_1298 | Research Scholar | A Comparative Study in Classification Methods of Exoplanets: Machine Learning Exploration via Mining and Automatic Labeling of the Habitability Catalog | Poster |
| Prakash Arumugasamy | ASI2017_1299 | NCRA-TIFR | Absorption-like features in middle-aged pulsars | Oral |
| PIYALI SAHA | ASI2017_1306 | ARIES, NAINITAL | Polarimetric and Spectroscopic Study of L1616 | Oral |
| Dipak Debnath | ASI2017_1308 | Indian Centre for Space Physics | TCAF model in XSPEC : An efficient tool to understand accretion flow properties of black hole binaries | Oral |
| Anjali Rao | ASI2017_1318 | IUCAA, Pune | AstroSat/LAXPC results on timing properties of black hole binaries | Poster |
| ALIK PANJA | ASI2017_1320 | S. N. BOSE NATIONAL CENTRE FOR BASIC SCIENCES | Ongoing star-formation and stellar evolution in the active H II region Sh2-242 | Poster |
| Surabhi Yadav | ASI2017_1321 | Christ University | Spatial and Dynamical properties of open star cluster:DOLIDZE 46 | Poster |
| DHRUV PATHAK | ASI2017_1326 | Institute of Mathematical Sciences (IMSc), Chennai | Probing Orbital Properties of Wide Binary Pulsars | Poster |
| Madhulita Das | ASI2017_1327 | DST Woman scientist | Plasma-screening effects in the astrophysically relevant He-like and Li-like ions | Poster |
| Ranjani Lakshminarayan | ASI2017_1338 | Christ University | Emission line variabilities of Classical Be-Stars | Poster |

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|------------------------|--------------|--|--|--------|
| BHARAT KUMAR YERRA | ASI2017_1339 | NATIONAL ASTRONOMICAL OBSERVATORIES, CHINESE ACADEMY OF SCIENCES | Metal-poor super-Li-rich giants from LAMOST: Does Li-rich episode in giants is universal ? | Poster |
| Parijat Thakur | ASI2017_1340 | Guru Ghasidas Central University, Bilaspur (C.G.) | Transit Timing Variation Analysis of Extra-solar Planet Qatar-1b with Three New Transits | Poster |
| Susmita Chakravorty | ASI2017_1349 | Indian Institute of Science | MHD acceleration for accretion disk winds around black hole binaries | Oral |
| Samrat Ghosh | ASI2017_1356 | S N Bose National Centre for Basic Sciences, JD Block, Salt Lake, Kolkata - 700106 | A Search for Photometric Variability in Young/old Brown Dwarfs | Poster |
| DHRIMADRI KHATA | ASI2017_1357 | S.N.BOSE NATIONAL CENTRE FOR BASIC SCIENCES | Understanding Physical Properties of Young M-dwarfs : Optical and Near-IR spectroscopic studies. | Oral |
| Nirupam Roy | ASI2017_1371 | IISc | Radio monitoring of Galactic novae: highlights of recent results | Oral |
| Sharada Keshav Jogdand | ASI2017_1380 | S. R. T. M. University, Nanded | X-ray Spectral Analysis of Cyg X-1 source using LAXPC AstroSat Observations | Poster |
| Drisyia K | ASI2017_1388 | Post Doctoral Fellow, Institute of Astronomy and Astrophysics, Universitè Libre de Bruxelles | Determination of the s-process operation temperature from abundance determinations in a sample of highly-enriched barium stars | Poster |
| ANUVAB BANERJEE | ASI2017_1398 | S. N. Bose National Centre for Basic Sciences | 2004 Outburst of BHC H1743-322: Analysis of spectral and timing properties using the TCAF Solution. | Oral |
| Sreejesh PS | ASI2017_1407 | IISER KOLKATA | Ultra Violet study of Exoplanet host stars | Poster |
| N Kameswar Rao | ASI2017_1422 | Indian Institute of Astrophysics | UVIT -- A new Tool for the Study of Planetary Nebulae iUV | Oral |
| Tanuj Kumar Dhar | ASI2017_1423 | Assam University | Investigating wavelength and refractive index dependence of interstellar extinction | Poster |
| Parvej Reja Saleh | ASI2017_1429 | Gauhati University | PHOTOMETRIC & SPECTROSCOPIC STUDY OF CLASSICAL T TAURI STAR, DF TAU | Poster |