

# List of Selected Abstracts in Sun and the Solar System

Name	Conference ID	Affiliation	Title	Abstract Type
Dr. Subhash Kaushik	ASI2017_400	GAPGC	Interplanetary Transient Flows and Extremely Disturbed Geomagnetic Field Conditions	Poster
Prithish Halder	ASI2017_402	Ph.D scholar, Dept. of Physics, Assam University, Silchar	A study on the effect of porosity on the light scattering properties of aggregated dust particles	Poster
Pramod Kumar	ASI2017_405	Jagan Nath University, Jaipur	Inverse gradient for conduction cooling with temperature of solar Microflares thermal X-ray plasma	Poster
Nishtha Sachdeva	ASI2017_416	Indian Institute of Science Education and Research, Pune	CME Propagation Dynamics: Relative importance of Lorentz forces and solar wind drag	Poster
Bhupendra Kumar Tiwari	ASI2017_422	A.P.S. University Rewa M.P.	Dependence of Heliospheric and Cosmic Rays Modulation on Solar Activity	Oral
Abhishek Johri	ASI2017_425	NCRA-TIFR	Acceleration and evolution of solar energetic particle events in the Sun-Earth distance.	Oral
Atul Mohan	ASI2017_450	NCRA-TIFR	A Murchison Widefield Array imaging study of a type III solar radio burst	Poster
mahender aroori	ASI2017_463	osmania university	Variations in Quiet Sun Component of Solar Radio Emission during Solar Cycle 23-24	Poster
Akshay Suresh	ASI2017_494	IISER Pune	Exploring the Spatial Distribution of Weak Non-thermal Energy Release on the Solar Surface	Poster
Ajay Kumar Tiwari	ASI2017_505	IISER PUNE	Standing Waves in Plume and Fan-Loop	Poster
Rakesh Mazumder	ASI2017_510	Center of Excellence in Space Sciences, India(CESSI), IISER KOLKATA	Simultaneous longitudinal and transverse oscillation in an active filament	Oral
Girjesh R Gupta	ASI2017_530	IUCAA	Heating and cooling of coronal loop observed during a micro-flare with IRIS, SDO, and XRT	Oral
Vaibhav Pant	ASI2017_538	Indian Institute Of Astrophysics	Automated Detection of CMEs in Heliosphere: Comparion between manual and automated catalogs	Poster
Krishnendu Mandal	ASI2017_566	Tata Institute of Fundamental Research	Computation of 3d spherical kernel for the understanding of meridional circulation	Oral
Avyarthana Ghosh	ASI2017_583	IUCAA	Doppler Shifts in Active Regions with IRIS	Poster
Alok Ranjan Tiwary	ASI2017_592	Udaipur Solar Observatory, Physical Research Laboratory	Imaging Spectro-polarimeter for Multi Application Solar Telescope (MAST): Preliminary Results	Poster

			Obtained in the Fe I 617.3 nm and Ca II 854.2 nm.	
Tomin K James	ASI2017_599	liser pune	Energetics of small electron acceleration episodes in the solar corona	Oral
rohit	ASI2017_649	ncra-tifr	On the energisation of particles by fast magnetic reconnection.	Poster
Tanmoy Samanta	ASI2017_651	Indian Institute of Astrophysics	Fine-structure dynamics in the sunspot penumbra and their coupling through the different solar atmospheric layers	Poster
Brajesh Kumar	ASI2017_688	Udaipur Solar Observatory / Physical Research Laboratory	On the flare-induced global modes in the Sun: GOLF and VIRGO observations	Oral
AISHAWNNYA SHARMA	ASI2017_728	TEZPUR UNIVERSITY	Propagation of Different Sunspot Waves and Oscillations in the Magnetically Coupled Solar Atmosphere	Oral
Madhusudan Ganesh Ingale	ASI2017_732	Indian Institute of Science, Education and Research, Pune	Study of the correlation of background electron density with the g value in the inner heliospheric solar wind	Poster
Subhamoy Chatterjee	ASI2017_757	Indian Institute of Astrophysics	Extraction of Features and their Long-term Evolution from Century-long Ca II K data of Kodaikanal Observatory	Oral
SUDIP	ASI2017_775	MANDAL	Latitudinal Distribution of The Sunspots	Poster
Dr. K. CHENNA REDDY	ASI2017_785	Osmania University	Meteor observations with the all-sky SKiYMET radar at Thumba	Poster
Sreejith Padinhatteeri	ASI2017_842	Manipal University	Birth of a Sunspot : What condition trigger formation of a penumbra?	Poster
Ajanta Datta	ASI2017_850	HKBK College of Engineering, Bangalore	TWISTING/UNTWISTING MOTIONS DURING A PROMINENCE ERUPTION AS SEEN FROM SDO/AIA AND STEREO/EUVI	Poster
Aabha Monga	ASI2017_897	Aryabhata Research Institute of observational sciencES (ARIES), Nainital	PHOTOSPHERIC ENHANCEMENT AND H $\pm$ EVOLUTION OF THE X1.2 CLASS FLARE	Oral
Bhavesh Jaiswal	ASI2017_916	ISRO Satellite Centre	Spectro-polarimetry of the limb of the Martian atmosphere: simulations based on a radiative transfer model	Oral
Krishna Kumar Pandey	ASI2017_931	Department of Astrnomy, Osmania University, Hyderabad	Asymmetry breaks during solar activity	Poster
Dr. Ramesh Chandra	ASI2017_945	Kumaun University, Nainital	Recurrent solar eruptive flares on 2016 July 23	Poster
Dhrubaditya MITRA	ASI2017_963	NORDITA, Stockholm	Collision kernel for small dust grains in proto-planetary disks	Poster

PRITHVI RAJ SINGH	ASI2017_973	DEPARTMENT OF PHYSICS A.P.S. UNIVERSITY REWA M.P.	Solar Activity in association with Geomagnetic Activity during Solar Cycles 22-24	Poster
shalini sarkar	ASI2017_979	University of Kalyani	Statistical analysis of solar radio bursts in connection to sunspot numbers for the solar cycle 23 and 24	Poster
Henry Throop	ASI2017_1006	Planetary Science Institute, USA	New rotationally resolved spectra of Pluto-Charon from 350 - 900 nm	Oral
Debi Prasad Choudhary	ASI2017_1080	California State University Northridge	Chromospheric magnetic field and mass motion in sunspots	Oral
Mayank Narang	ASI2017_1101	Tata Institute Of Fundamental Research	The dust composition of transitional disks	Poster
HITAISHI BHATT	ASI2017_1104	Ph.D scholar	Variation in Coronal Rotation with altitude	Poster
Prantika Bhowmik	ASI2017_1105	IISER Kolkata	Prediction of Solar Cycle 25 Using A Surface Flux Transport Model	Oral
Dr. Partha Chowdhury	ASI2017_1110	University of Calcutta , West Bengal	An analysis of solar-cycle variations in phase relationships between Ca II K index and other activity indicators	Poster
Lekshmi B	ASI2017_1136	IISER, Kolkata	Testing systematics in time-distance helioseismic measurements of meridional flows using artificial data	Poster
Athira B S	ASI2017_1158	IISER KOLKATA	Development of a novel Spectral Imaging Polarimeter for Application in Coronal Magnetometry	Poster
Mahendra Verma	ASI2017_1163	IIT Kanpur	How MHD Turbulence theories can help understand solar wind and solar magnetic field.	Oral
Abhishek Kumar	ASI2017_1166	Indian Institute of Technology Kanpur	Energy spectrum for buoyancy-driven turbulence	Oral
Sai Arun Dharmik Bhoga	ASI2017_1180	IISER Pune	Testing strategies for planetary exploration through Analogue Planetary Research, MDRS.	Poster
Ravindra B	ASI2017_1203	Indian Institute of Astrophysics	The new H $\alpha$ solar telescope at the Kodaikanal Observatory	Oral
Pankaj Kumar	ASI2017_1210	Korea Astronomy and Space Science Institute (KASI)	Flare-generated Shock Wave Propagation through Solar Coronal Arcade Loops and an Associated Type II Radio Burst	Oral
BHARTI NIGAM	ASI2017_1212	APS UNIVERSITY REWA M.P.	Study of Coronal Mass Ejection during solar cycle -24	Poster
Naznin R Choudhury	ASI2017_1216	Assam University, Silchar, India	Study of porous grains and related properties of cometary dust	Oral
Shivam Raval	ASI2017_1221	IIT Kharagpur	Temporal and Spatial variation of Solar Rotation using EUV images	Poster
Rajashik Tarafder	ASI2017_1230	IISER Kolkata	A Mathematical Model for Solar and Anthropogenic Forcing of Global Climate	Oral

Reetika Joshi	ASI2017_1231	Kumaun University, Nainital	Multiple Solar Jets from Rotating Active Region	Oral
Prof. Hiremath, K . M	ASI2017_1234	Indian Institute of Astrophysics, Koramangala, Bengaluru-560034	Long term variations of Sun's radius from the Kodaikanal Data	Poster
Sanchita Pal	ASI2017_1239	CESSI, IISER Kolkata	On the relationship of the CME velocity and the magnetic parameters of its source active region	Poster
G.S.Suryanarayana	ASI2017_1246	Indian Institute of Astrophysics	The question of two class of flares	Poster
Mekhi Dhesi	ASI2017_1254	Blue Skies Space / University College London	Twinkle Space Mission	Oral
Rengaswamy Sridharan	ASI2017_1255	Indian Institute ofAstrophysics	Imaging with Masked Apertures: Application to Solar Imaging	Oral
P. Vemareddy	ASI2017_1262	Indian Institute of Astrophysics	Recurrent eruptions by converging and shearing polarities in a solar active region	Oral
Bidya Binay Karak	ASI2017_1276	High Altitude Observatory, National Center for Atmospheric Research	Why do stars rotate differentially?	Oral
Nikhil P K	ASI2017_1282	Indian Institute of Astrophysics	Solar Seeing Measurements at Merak, Leh/Ladakh region.	Poster
Bhuwan Joshi	ASI2017_1283	Physical Research Laboratory, Udaipur Solar Observatory	Pre-flare activities, flux rope eruption and associated X2.7 solar flare from active region NOAA 12339	Oral
Sharad Chandra Tripathi	ASI2017_1291	Barkatullah University, Bhopal	Tracking down the effects of enhanced Solar Radiation on Ionospheric Ionization	Poster
Manjunath Hegde	ASI2017_1293	Indian Institute of Astrophysics	Long term study of the sun using Kodaikanal H-alpha data archive	Oral
M. Syed Ibrahim	ASI2017_1295	Madurai Kamaraj University	Major Geo-effective Solar Eruptive Event on 2015 June 21	Poster
Shashanka R Gurumath	ASI2017_1310	VIT University, Vellore	Metallicity of Sunlike stars with planets: Clues for mass of undetected planets in the outer solar system	Poster
Dr. Vipin K. Yadav	ASI2017_1317	Space Physics Laboratory (SPL), Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram, Kerala	Solar plasma (Alfven) wave observation at L1 point with the magnetic field measurements	Oral
Dr. Bimal Pande	ASI2017_1322	Kumaun University, Nainital	Multiwavelength Analysis of a typical prominence with helical twisting associated with a CME	Poster
Prashant Kumar	ASI2017_1328	Physical Research Laboratory	Solar Wind Ion Spectrometer (SWIS) on-board Aditya-L1 Mission	Oral

Ranadeep Sarkar	ASI2017_1330	Udaipur Solar Observatory, Physical Research Laboratory	On the dynamics of the largest active region of the solar cycle 24	Poster
Pranav Sharma	ASI2017_1333	Independent Researcher	Light Curve Analysis of Comet C/2013 A1 (Siding Spring)	Poster
HEENA KATHIRIYA	ASI2017_1334	SAURASHTRA UNIVERSITY, RAJKOT	Solar rotation during 1988 to 2007 using 2.695GHz flux	Poster
G. Sindhuja	ASI2017_1337	Physical research laboratory, Udaipur solar observatory, udaipur	Study of confined and eruptive solar events observed in Ca-K images	Oral
Ramit Bhattacharyya	ASI2017_1363	Udaipur Solar Observatory, Physical Research laboratory, Badi Road, Udaipur	A viable non-axisymmetric non-force-free field to represent solar active regions	Poster
Dibyendu Nandi	ASI2017_1366	Center of Excellence in Space Sciences India, IISER Kolkata	The Science Case for Solar and Space Weather Observations from Lagrange Point L5 in Space	Oral
Abhishek Kumar Srivastava	ASI2017_1370	Department of Physics, Indian Institute of Technology (BHU), Varanasi-221005, India	Coronal EUV Waves and Their Interaction with the Localized Magnetic Structures	Oral
Amareswari K	ASI2017_1381	ISRO Satellite Centre , Bangalore	On the connection between Active region complexity and Solar Flare strength.	Oral
A.C. Pandey	ASI2017_1382	Department of Physics A.P.S. University, Rewa (M.P.) 486003	Study of Solar Activity during Rising Phase of Solar Cycle 24	Poster
Jayanti Krishna Pandey	ASI2017_1383	Udai Pratap college Varanasi, U.P.	Low and high latitude solar activity	Poster
Dr. Anusha, L. S.	ASI2017_1389	Max Planck Institute for solar system research	Non-equilibrium hydrogen ionization in the solar atmosphere	Oral
K. Nagaraju	ASI2017_1402	Indian Institute of Astrophysics	Spectropolarimetric observations of a small scale reconnection event in the chromosphere simultaneously in H alpha and Ca II at 854.2 nm	Oral
Sanjay Kumar	ASI2017_1409	Physical Research Laboratory	ON THE ROLE OF REPETITIVE MAGNETIC RECONNECTIONS IN EVOLUTION OF MAGNETIC FLUX ROPES IN SOLAR CORONA	Oral
BIPASA RAHA	ASI2017_1411	DEPARTMENT OF PHYSICS, TECHNO INDIA UNIVERSITY, WEST BENGAL	Comparison of Jovian Magnetosphere with Saturn, Uranus and Neptune	Oral
AZAD AHMAD MANSOORI	ASI2017_1427	BARKATULLAH UNIVERSITY BHOPAL	Effects of Solar Flare Radiations on the GPS Derived Total Electron Content at Low, Mid and High Latitudes	Oral