

## ASI 2019 – List of Abstracts in Sun and the Solar System

Firstname	Lastname	Conference ID	Affiliation	Title of the Abstract	Abstract Type
SP	Rajaguru	ASI2019_442	IIA, Bengaluru	Meridional circulation in the solar convection zone: current consensus from helioseismology	Invited
Yamini	Rao	ASI2019_187	IIT(BHU), Varanasi	Characterization of cool loop systems using multiple datasets as observed by Interface Region Imaging Spectrograph (IRIS)	Oral
Anil	Raghav	ASI2019_386	University of Mumbai, Mumbai	An identification of Alfvén wave in shock sheath of coronal mass ejection at 1 AU	Oral
Nancy	Narang	ASI2019_40	IIA, Bengaluru	High-Frequency Dynamics of an active region mass as observed by IRIS	Oral
SARGAM	MULAY	ASI2019_348	IUCAA, Pune	Temperature structure of sigmoids	Oral
Shanwlee	SowMondal	ASI2019_325	PRL, Ahmedabad	Understanding the solar spicules through numerical simulation	Oral
Shyama	Narendranath	ASI2019_119	ISAC, Bengaluru	FIP bias variations in solar flares using soft X ray spectroscopy	Oral
Sangeetha	CR	ASI2019_508	IUCAA, Pune	Magnetic and Kinetic helicity changes during M-class X-ray flares	Oral
Ramesh	Chandra	ASI2019_101	Kumaun University, Nainital	Recent Observations on the Nature of EUV Waves	Oral
Hariharan	Krishnan	ASI2019_44	NCRA-TIFR, Pune	Study of Fine Structures in Solar Radio Emission	Oral
Aarti	Fulara	ASI2019_321	Kumaun University, Nainital	On the Dynamics and Energetics of two EUV Waves on 11 April 2013	Oral
Anshu	Kumari	ASI2019_272	IIA, Bengaluru	Estimation of Strength of the Solar Coronal Magnetic Field using Contemporaneous Radio and Whitelight Observations	Oral
Deepthi	Ayyagari	ASI2019_235	Indian Institute of Technology	Ionospheric response to space weather events using IRNSS and GPS TEC observations from Indore.	Oral
Anuj	Gupta	ASI2019_290	Panjab University, Chandigarh	Thermodynamical Equilibrium Condensation Calculations in Primitive Solar Gas	Oral
Pankaj	Kumar	ASI2019_109	NASA Goddard Space Flight Center	MULTIWAVELENGTH STUDY OF EQUATORIAL CORONAL-HOLE JETS	Oral

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Aishawnnya	Sharma	ASI2019_191	IUCAA, Pune and Tezpur University, Assam	A study on the thermal nature and non-thermal velocity of active region fan loops	Poster
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Subhamoy	Chatterjee	ASI2019_152	IIA, Bengaluru	Signature of Extended Cycles from Digitised Ca II K Data of Kodaikanal Observatory	Poster
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AK	Srivastava	ASI2019_507	IIT(BHU), Varanasi	On the New Heating Candidates for the Atmosphere of The Magnetic Sun	Poster
Vipin	Yadav	ASI2019_126	Other	Plasma waves in inner planets – Mercury, Venus and Mars	Poster
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Krishnendu	Mandal	ASI2019_319	TIFR, Mumbai	Detection of Rossby like waves on the Sun through normal mode coupling	Poster
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Javaraiah	Javaraiah	ASI2019_213	Formerly Indian Institute of Astrophysics	Variations in north-south asymmetry of solar maximum and minimum	Poster
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