

List of Abstracts in General Relativity and Cosmology

Name	Conference ID	Affiliation	Title of Abstract	Abstract Type as decided by SOC
Akash Kumar Patwa	ASI2018_603	Raman Research Institute	On detecting EoR using drift scan data from MWA	Contributed Talk
Debanjan Sarkar	ASI2018_1638	Indian Institute of Technology Kharagpur	Modelling redshift-space distortion (RSD) in the post-reionization HI 21-cm power spectrum	Contributed Talk
Shilpa Kastha	ASI2018_1630	Institute of Mathematical Sciences	Parametrized test of post-Newtonian multipolar structure of compact binary merger	Contributed Talk
Lankeswar Dey	ASI2018_1617	Tata Institute of Fundamental Research	Constraining higher order gravitational wave back-reaction in blazar OJ287 black hole binary	Contributed Talk
Dinesh V. Raut	ASI2018_1604	National Centre for Radio Astrophysics (NCRA-TIFR)	Measuring the reionization 21cm fluctuations using clustering wedges.	Contributed Talk
Shamik Ghosh	ASI2018_1696	Indian Institute of Technology, Kanpur	Current status of the radio dipole and its measurement strategy with the SKA	Contributed Talk
Santabrata Das	ASI2018_1273	IIT Guwahati	Study of advective accretion flow properties around rotating black holes - Application to GRO J1655-40	Contributed Talk
Kanhaiya Lal Pandey	ASI2018_1743	Indian Institute of Astrophysics, Bangalore, India.	Role of primordial black holes in SMBH formation at high z	Contributed Talk

List of Abstracts in General Relativity and Cosmology

Subhabrata Majumdar	ASI2018_912	TIFR	Cosmological Missing Baryons hidden in CGM	Contributed Talk
Shabbir Shaikh	ASI2018_618	Inter-University Centre for Astronomy and Astrophysics, Pune.	Bayesian analysis of hemispherical asymmetry observed in CMB	Contributed Talk
Mandar Patil	ASI2018_1531	IMAPN Warsaw	Can we use gravity to produce ultra-high energy cosmic rays and neutrinos ?	Contributed Talk
Isha Pahwa	ASI2018_1589	IUCAA, Pune	Analytical halo model of Galactic Conformity	Contributed Talk
Shantanu Desai	ASI2018_1569	IIT Hyderabad	Limit on graviton mass from galaxy cluster Abell 1689	Contributed Talk
PRASANTA KUMAR DAS	ASI2018_1701	Associate Professor	Fermionic dark matter and supernova SN1987A cooling	Contributed Talk
Kanan Kumar Datta	ASI2018_1241	Presidency University, Kolkata	HI 21-cm signal from dark ages and cosmic dawn: Role of CMBR heating of IGM	Poster
Janakee Raste	ASI2018_1256	Raman Research Institute, Bangalore	Analytically Modelling 21-cm Signal from Early Phase of Epoch of Reionization	Poster

List of Abstracts in General Relativity and Cosmology

Sudhanshu Barway	ASI2018_1302	South African Astronomical Observatory (SAAO), Cape Town	A comparison between SALT/SAAO observations and kilonova models for AT 2017gfo: the first electromagnetic counterpart of a GW transient	Poster
VIPIN SUDEVAN	ASI2018_1765	IISER BHOPAL	A MEASUREMENT OF CMB ANGULAR POWER SPECTRUM FROM PLANCK & WMAP OBSERVATIONS	Poster
Sandeep Rana	ASI2018_406	IISER Mohali	How well Gaussian approximationForeground Simulations work in Galactic	Poster
Srimanta Banerjee	ASI2018_1704	Tata Institute of Fundamental Research	Constraints on Modified Gravity Models from White Dwarfs	Poster
Shishir Sankhyayan	ASI2018_594	Indian Institute of Science Education and Research (Pune)	Large Scale Structures in SDSS	Poster
Prakash Sarkar	ASI2018_1567	NIT Jamshedpur	Shapefinders: a method to quantify the Cosmic Web	Poster
Manvendra Pratap Rajvanshi	ASI2018_1689	IISER, Mohali	Nonlinear Spherical Perturbations in Quintessence Cosmology	Poster
Ranbir Sharma	ASI2018_1647	IISER Mohali, Mohali Punjab	Principal Component Analysis and Reconstruction of Dark Energy	Poster

List of Abstracts in General Relativity and Cosmology

Avinash Singh	ASI2018_1461	IISER Mohali	Perturbation in Tachyon Dark Energy and it's Effect on Matter Clustering	Poster
ABHIMANYU S	ASI2018_1135	TATA INSTITUTE OF FUNDAMENTAL RESEARCH	Improved timing model for binary pulsars with tiny orbital eccentricities.	Poster
Soumen Mondal	ASI2018_1348	Jadavpur University	Gravitational wave emission during the coalescence of the black holes in a binary system in the presence of an accretion disc.	Poster
Madhurima Choudhury	ASI2018_1694	Indian Institute of Technology	Foreground Subtraction in redshifted 21cm Global Signal Experiments using Artificial Neural Networks	Poster
Gajanan Dnyaneshwar Harale	ASI2018_471	student	Role Of Fermi I and Fermi II mechanisms in modulating electron energy spectrum responsible for radio emissions in Galaxy clusters	Poster
PRATEEK GUPTA	ASI2018_768	S. P . PUNE UNIVERSITY, PUNE, MAHARASHTRA	Numerical modeling of synchrotron radio emission from large scale structures	Poster
KRISHNENDU N V	ASI2018_645	CHENNAI MATHEMATICAL INSTITUTE	Detectability of exotic compact objects by measuring tidal deformability parameters using gravitational waves	Poster
Ankan Mukherjee	ASI2018_1768	IISER Mohali	Reconstructing the interaction in holographic dark energy	Poster

List of Abstracts in General Relativity and Cosmology

SAFIQUL ISLAM	ASI2018_1209	PDF, Harish Chandra Research Institute, Allahabad	A parametric model to study the mass radius relationship of stars	Poster
Ramkishor Sharma	ASI2018_626	UNIVERSITY OF DELHI	A viable $f^2 F^{\{\mu\nu\}}F_{\{\mu\nu\}}$ model of inflationary magnetogenesis	Poster
Swagat Saurav Mishra	ASI2018_1353	IUCAA, Pune	Dark Matter and Dark Energy from alpha-attractors	Poster
Rohin Kumar Yeluripati	ASI2018_1670	Senior Research Fellow	Galaxy Clustering in Alternative models	Poster
Jaidev Parmar	ASI2018_1540	IGNOU	A Theory of Baryonic Dark Matter	Poster
Ashok K. Singal	ASI2018_559	Physical Research Laboratory, Ahmedabad	Horizon, homogeneity and flatness problems -- do their resolutions really depend upon inflation?	Poster
SATADAL DATTA	ASI2018_1268	Senior Research Fellow	Analogue tachyon in Jeans Cloud	Poster
Nobleson K	ASI2018_1770	Osmania University	Alternate initial conditions for the big bang cosmological model	Poster

List of Abstracts in General Relativity and Cosmology

Md Arif Shaikh	ASI2018_1258	Harish-Chandra Research Institute	On the minimum value of specific angular momentum for which inviscid flow is a reasonably strong assumption	Poster
Ashish Kumar Meena	ASI2018_1667	IISER MOHALI	Higher order caustics in gravitational lensing	Poster
Kaustav Mitra	ASI2018_571	Presidency University, Kolkata	Halo Occupation Distribution of Quasars : Revisiting the AGN Unification	Poster
Nidhi	ASI2018_1481	University of Delhi, Delhi	Collapsing Supra-massive neutron stars and FRBs	Poster