

List of Selected Abstracts in General Relativity and Cosmology

Name	Conference ID	Affiliation	Title	Abstract Type
Anuj Kumar Dubey	ASI2017_408	Assam University, Silchar	The Variation of Photon Propagation Speed in Quantum Gravity	Poster
Mussadiq Hussain Qureshi	ASI2017_421	University of Kashmir	Punctuated Inflation and low-l power suppression in CMB	Poster
Chaitanya Afle	ASI2017_453	Indian Institute of Science Education and Research Pune	Detection and characterization of spin-orbit resonances in the advanced gravitational wave detectors era	Poster
Gajanan Dnyaneshwar Harale	ASI2017_471	student	Study of Particle Acceleration Mechanism during the formation of shocks in galaxy clusters formation	Poster
Rashmi Uniyal	ASI2017_472	Govt PG College Narendranagar Tehri Garhwal Uttarakhand	Geodesics For R charged Test Particles	Poster
Priyanka Singh	ASI2017_482	Raman Research Institute	Constraints on the relation between the X-ray AGNs and host dark matter halo: potential role of eROSITA	Oral
Abir Sarkar	ASI2017_496	Raman Research Institute	The effects of non-standard dark matter on CMB spectral distortion	Oral
Subhajit Saha	ASI2017_503	Indian Institute of Science Education and Research, Kolkata	An attempt to explain recent observations with adiabatic particle creation mechanism	Poster
nomaan	ASI2017_520	raman research institute	Building propagators on discrete spacetime	Poster
Prerna Rana	ASI2017_544	Indian Institute of Astrophysics, Sarjapur Road, Koramangala, Bangalore, 560034, India	Dynamics of bound orbits in Kerr geometry and QPO frequency ratios	Oral
BIDISHA BANDYOPADHYAY	ASI2017_590	UNIVERSITY OF DELHI	INVESTIGATING NEUTRAL HYDROGEN STRUCTURES DURING THE EPOCH OF REIONIZATION USING FRACTAL DIMENSION	Poster
Shishir Sankhyayan	ASI2017_594	Indian Institute of Science Education and Research (Pune)	Large Scale Structures and Clusters-Voids Cross-correlation	Poster
Bhal Chandra Joshi	ASI2017_611	NCRA-TIFR	Radio Pulsars, gravity and an Indian Pulsar Timing Array	Oral

Ajit kumar Mehta	ASI2017_641	ICTS TIFR	Inspiral-merger-ringdown gravitational waveforms for binary black holes including the effect of nonquadrupole modes	Poster
KRISHNENDU N V	ASI2017_645	CHENNAI MATHEMATICAL INSTITUTE	Testing the binary black hole nature of compact binary coalescences using gravitational wave observations	Oral
Prakash Gaikwad	ASI2017_647	National Centre for Radio Astrophysics	Low- z Ly- α forest simulation and its application	Oral
Sk Javed Rana	ASI2017_650	IUCAA	Searching electromagnetic counterparts for gravitational wave sources	Poster
Nisha Rani	ASI2017_658	University of Delhi	Constraining dark energy models using cosmic chronometers	Poster
ABHIRUP GHOSH	ASI2017_668	INTERNATIONAL CENTRE FOR THEORETICAL SCIENCES, TIFR	Testing general relativity using gravitational wave signals from the inspiral, merger and ringdown of binary black holes	Oral
Akshay Rana	ASI2017_725	JRF	Constrain on cosmic curvature by using statistical properties of gravitational lenses	Poster
Surajit Paul	ASI2017_762	Department of Physics, SP Pune University	Possible discovery of multiple shock structures and filamentary inroads to massive galaxy clusters by uGMRT and SKA	Oral
Mamta Gulati	ASI2017_794	Indian Institute of Science Education and Research- Mohali	Is Ram pressure stripping efficient in quenching star formation?	Oral
Pratik Tarafdar	ASI2017_1017	S. N. Bose National Centre for Basic Sciences	Influence of disc geometry on shocked accretion	Poster
Meghendra Singh	ASI2017_1035	Dr.APJ Abdul Kalam Technical University Lucknow India	Non-Gaussianity in High- z cosmological Data	Poster
MOHAMMAD SHAFI KHAN	ASI2017_1042	GOVT. DEGREE COLLEGE BEMINA SRINAGAR KASHMIR 190018.	Cosmological Evolution of the Universe from Big Bang to Structure Formation	Poster
Manzoor Malik	ASI2017_1049	University of Kashmir	Power Suppression at Low CMB Multipoles	Oral
Nikhel Gupta	ASI2017_1091	Ludwig Maximilians University, Munich, Germany	Observations and Simulations of Galaxy Clusters: Cluster Radio Galaxies and their Implications on SZE Signal, Simulated Pressure Profiles and SZE Mass	Oral
Surajit Chattopadhyay	ASI2017_1116	Pailan College of Management & Technology, Kolkata	Israel-Stewart approach to viscous extended holographic Ricci dark energy	Poster

Sujata Mohanty	ASI2017_1191	CMR University	Study of linear and non-linear cosmological bias of galaxies: Theory vs observations	Poster
AGRAWAL POONAM KANHAIYALAL	ASI2017_1195	RESEARCH SCHOLAR	Vacuum Solutions of FRW and Axially Symmetric space-time in $f(R)$ Theory of Gravity	Poster
Gayathri V	ASI2017_1208	PHD student	Wavelet-based search of coalescing compact binaries with GW detectors	Oral
SAFIQUL ISLAM	ASI2017_1209	PDF, Harish Chandra Research Institute, Allahabad	Wormholes supported by two non-interacting fluids	Poster
Arun Kenath	ASI2017_1242	Christ University, Bangalore	Alternate Models to Dark Matter and Dark Energy	Poster
Janakee Raste	ASI2017_1256	Raman Research Institute, Bangalore	Analytically Modelling Early Phase of EoR	Oral
Md Arif Shaikh	ASI2017_1258	Harish-Chandra Research Institute	Emergence of relativistic sonic geometry through perturbation of matter in black hole metric	Poster
Kiren O V	ASI2017_1265	Lecturer	Planet Nine: Testing ground for Dark Matter and Alternate Models	Poster
Santabrata Das	ASI2017_1273	IIT Guwahati	Dynamical structure of magnetized dissipative accretion flow around black holes	Oral
Ashish	ASI2017_1323	Physical Research Laboratory, Ahmedabad	SZ Effect in Galaxy Clusters as Probe of Dark Matter	Poster
hameeda	ASI2017_1324	S.P.College Srinagar and IUCAA	Effects of cosmological constant on clustering of Galaxies	Poster
Joydeep Bagchi	ASI2017_1325	Inter University Centre for Astronomy & Astrophysics (IUCAA)	Saraswati: An Extremely Massive ~ 200 Megaparsec Scale Supercluster	Oral
sanjeev kalita	ASI2017_1336	Gauhati University	Test of General Relativity and its extensions through the Galactic Centre.	Poster
Joseph P J	ASI2017_1343	IISER Thiruvananthapuram	Inflation driven by exponential non-minimal coupling of inflaton with gravity.	Poster
Soumen Mondal	ASI2017_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
Jose Mathew	ASI2017_1355	IISER Thiruvananthapuram	Inflation with $f(R)$ in Jordan frame.	Oral
Priti Mishra	ASI2017_1386	Harish-Chandra Research Institute	Curious case of gravitational lensing by binary black holes: a tale of two photon spheres, new relativistic images and caustics	Poster

Muhammed saleem	ASI2017_1390	IISER Trivandrum	Prospects of LIGO-India in probing mass and spin parameters of compact binaries	Poster
Ratna Koley	ASI2017_1417	Presidency University	Magnetogenesis in Bouncing Cosmology	Poster
Supratik Pal	ASI2017_1420	Indian Statistical Institute Kolkata	Inflationary cosmology post-Planck 2015	Invited
Kazuyuki Furuuchi	ASI2017_1425	Manipal Centre for Natural Sciences	Excursions through KK modes	Poster
Abdulla Al Mamon	ASI2017_1430	Manipal Centre for Natural Sciences, Manipal University	Study of parametrized dark energy models with a non-canonical scalar field	Poster