

PPC 2024: XVII International Conference on Interconnections between Particle Physics and Cosmology

Tuesday 15 October 2024

Parallel - Cosmology: Session 1 - Seminar Room 6-7, Convention Center (14:00 - 16:00)

-Conveners: Pavan K Aluri

time	[id] title	presenter
14:00	[5] Unveiling the dynamics of reheating in modified chaotic and mutated hilltop inflation	YADAV, Sudhava
14:15	[70] Foreground removal and angular power spectrum estimation of 21 cm signal using harmonic space ILC method	JOSEPH, ALBIN
14:30	[33] LADDER: Revisiting the Cosmic Distance Ladder with Deep Learning Approaches and Exploring its Applications	MUKHERJEE, Purba
14:45	[46] Reappraisal of Hemispherical Power Asymmetry in CMB temperature data after Planck PR4	SANYAL, SANJEEV
15:00	[71] The correlations between galaxy properties in different environments of the cosmic web	Ms NANDI, Anindita
15:15	[91] Dynamical system analysis of DBI scalar field cosmology in general symmetric teleparallel gravity.	GHOSH, SAYANTAN
15:30	[219] Impacts of Z3 symmetric dark matter models on global 21-cm signal	PAUL, Debarun
15:45	[97] Boosting HI-galaxy cross-clustering signal through higher-order cross-correlations	CHAND, Eishica

Parallel - Cosmology: Session 2 - Seminar Room 6-7, Convention Center (16:30 - 18:45)

time	[id] title	presenter
16:30	[74] Magnetic field amplification and decay in cosmic string wakes	BISHT, Deepanshu
16:45	[88] Synchrotron radiation from accelerated electrons in the magnetized cosmic string wakes.	NAYAK, Soumen
17:00	[205] Large Blue Spectral Index from a Conformal Limit of a Rotating Complex Scalar	Dr TADEPALLI, Sai Chaitanya
17:15	[94] CMB Constraints on Natural Inflation with Gauge Field Production	ALAM, KHURSID
17:30	[80] Short-Duration GRBs from Magnetic Reconnection in Cosmic String Wakes	Mr KUMAR, DILIP
17:45	[308] Cosmology with Vision Transformer	Dr CHATTERJEE, Atrideb
18:00	[24] Impact of Finite Temperatures and Ultrastrong Magnetic Fields on Anisotropic Magnetized White Dwarfs in γ -metric formalism	Ms SAHOO, Rajasmita
18:15	[318] PBH formation from an aborted phase transition	JUNG, Taehyun
18:30	[220] Self-interactions of ultralight spinless dark matter to the rescue?	Dr GOSWAMI, Gaurav

Wednesday 16 October 2024

Parallel - Cosmology: Session 3 - Seminar Room 3-4, Convention Center (17:30 - 19:00)

-Conveners: Pradyumn K Sahoo

time	[id] title	presenter
17:30	[236] Cosmology with Photometric SNIa in the LSST Era	MITRA, Ayan
17:45	[155] Effects of Quantum Gravity in the Kerr Black Hole Paradigm	Mr SWAIN, Suryakanta
18:00	[156] Astrophysical Constraints on Black Hole Formation in Interacting Dark Energy Model	Mr SAHU, Debasis
18:15	[109] Fall of Casimir energy in the non-commutative space-time.	Mr PANJA, Suman Kumar
18:30	[227] Extended Bose-Einstein condensate dark matter in $f(Q)$ gravity	SOLANKI, Raja
18:45	[98] Can self-interaction in supernova neutrinos cause changes in gravitational wave memory signals?	CHAKRABORTY, Indranil