

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

Monday 14 October 2024

Plenary: Plenary 1 - Auditorium 1, Convention Center (09:00 - 10:30)

-Conveners: Shantanu Desai

time	[id] title	presenter
09:00	[232] Particle-Astrophysics: The Road Ahead	Prof. HOOPER, Dan
09:30	[258] Whither inflation?	SRIRAMKUMAR, L
10:00	[159] The Indian Pulsar Timing Array: An overview	M. A., Krishnakumar

Plenary: Plenary 2 - Auditorium 1, Convention Center (11:00 - 13:00)

-Conveners: Saurabh Sandilya

time	[id] title	presenter
11:00	[260] Recent results from the ATLAS experiment	DANNINGER, Matthias
11:30	[253] LHCb highlights plenary	JASHAL, Brij Kishor
12:00	[262] Status of the muon g-2/EDM experiment at J-PARC	YAMANAKA, Takashi
12:25	[263] Recent NOvA Results and Prospects	BHUYAN, Bipul

Plenary: Plenary 3 - Auditorium 1, Convention Center (14:00 - 16:00)

-Conveners: Narendra Sahu

time	[id] title	presenter
14:15	[264] Search for BSM Physics via Gravitational Waves	ELLIS, John
14:45	[265] Recent Measurements of Galactic Cosmic Rays with the GRAPES-3 Experiment	MOHANTY, Pravata
15:10	[266] The first result from InDEx dark matter direct search experiment at JUSL	DAS, Mala
15:35	[320] Latest KATRIN results on neutrino mass and sensitivity of sterile neutrino search	MOHANTY, Shailaja

Plenary: Plenary 4 - Auditorium 1, Convention Center (16:30 - 17:30)

-Conveners: Bindu Bambah

time	[id] title	presenter
16:30	[269] The KM3NeT Neutrino Telescope: Results from First Data	GOZZINI, Sara Rebecca
16:50	[270] TEXONO and Neutrino-Nucleus Coherent Scattering - Results and Status	SINGH, Venkatesh
17:10	[131] LEGEND – 200: A look at one year of physics data	Dr MAZUMDAR, Aparajita

Tuesday 15 October 2024

Plenary: Plenary 5 - Auditorium 1, Convention Center (09:00 - 10:30)

-Conveners: Amol Dighe

time	[id] title	presenter
09:00	[271] The Neutrino Landscape	GOSWAMI, Srubabati
09:30	[272] Probing New Physics with Double Beta Decay	DEPPISCH, Frank
10:00	[323] Neutrino Astrophysics to Particle Physics with IceCube	Prof. AGARWALLA, Sanjib Kumar

Plenary: Plenary 6 - Auditorium 1, Convention Center (11:00 - 13:00)

-Conveners: Rukmani Mohanta

time	[id] title	presenter
11:00	[274] Pushing the limits in dark matter production	HARZ, Julia
11:30	[275] Shedding Light on Neutrinos through Electromagnetic Properties	JANA, Sudip
12:00	[276] Effective Field Theory approach to Lepton and Baryon Number violation	HATI, Chandan
12:25	[277] Dark matter - neutrino interactions help neutrino astronomy	RAKSHIT, Subhendu

Wednesday 16 October 2024

Plenary: Plenary 7 - Auditorium 1, Convention Center (09:00 - 10:30)

-Conveners: Raghavan Rangarajan

time	[id] title	presenter
09:00	[278] Probing strong gravity and the densest objects in the cosmos with gravitational waves	BOSE, Sukanta
09:30	[279] Status and plans of the ADMX experiment	BARTRAM, Chelsea
10:00	[280] DESI-Y1 cosmological results from BAO measurements with galaxies and quasars	MIQUEL, Ramon

Plenary: Plenary 8 - Auditorium 1, Convention Center (11:00 - 13:00)

-Conveners: Santosh K Rai

time	[id] title	presenter
11:00	[281] Probing BSM Physics using Multi-Messenger Astronomy	DEV, Bhupal
11:30	[284] Accelerated fully-coherent search for compact binary coalescences	MOHANTY, Soumya
12:00	[283] Efficient cosmological model selection with Bayesian Optimisation	HAMANN, Jan
12:25	[321] Cosmology and collider implications of strongly interacting dark matter	KULKARNI, Suchita

Thursday 17 October 2024

Plenary: Plenary 9 - Auditorium 1, Convention Center (09:00 - 10:30)

-Conveners: Saranya S Ghosh

time	[id] title	presenter
09:00	[285] Results from CMS	SWAIN, Sanjay
09:30	[286] Overview of CMB Experiments and Plans	AHMED, Zeeshan
10:00	[287] Probing Particle Physics Frontiers with CMB S4: Unveiling Cosmic Secrets	ROY CHOWDHURY, Shouvik

Plenary: Plenary 10 - Auditorium 1, Convention Center (11:10 - 12:55)

-Conveners: Priyotosh Bandyopadhyay

time	[id] title	presenter
11:10	[288] The Pierre Auger Observatory: Results and Prospects	DOROSTI, Qader
11:40	[289] New approaches in search for Light Dark Matter	PARK, Jong-Chul
12:05	[324] Hearing the Universe Humm with Pulsar timing array: Gravitational Waves and Primordial Black Holes from beyond SM	GHOSHAL, Anish
12:30	[291] The Neutrino Roof	RAJ, Nirmal

Plenary: Plenary 11 - Auditorium 1, Convention Center (14:15 - 15:55)

-Conveners: Soma Sanyal

time	[id] title	presenter
14:15	[292] Searching for Dark Matter with Neutrinos	NG, Kenny
14:40	[315] Uncovering tau-neutrino-philic secret interactions in DUNE	SHIN, Seodong
15:05	[294] Anisotropy and the missing rest frame of the Universe falsify standard dark cosmology	RAMEEZ, Mohamed
15:30	[295] Dark Matter Heating of Neutron Stars	RAMIREZ QUEZADA, Maura

Plenary: Plenary 12 - Auditorium 1, Convention Center (16:25 - 17:35)

-Conveners: E Harikumar

time	[id] title	presenter
16:25	[319] Dark Hypercharge Symmetry	SRIVASTAVA, Rahul
16:45	[296] Searching for axion dark matter from dwarf spheroidal galaxies and the Sun	TAOSO, Marco
17:05	[297] Primordial Black Hole probes of Heavy Neutral Leptons	DE ROMERI, Valentina

Friday 18 October 2024

Plenary: Plenary 13 - Auditorium 1, Convention Center (09:00 - 10:30)

-Conveners: Gagan B Mohanty

time	[id] title	presenter
09:00	[251] Latest results and BSM searches from Belle II	NISHIDA, Shohei
09:30	[298] Dark matter explanations of the excess in $B \rightarrow K + \text{invisible}$	SCHMIDT, Michael
10:00	[300] Flavor in Finite Grand Unified Theories	MONDRAGÓN, Myriam

Plenary: Plenary 14 - Auditorium 1, Convention Center (11:00 - 13:15)

-Conveners: Patrick Das Gupta

time	[id] title	presenter
11:00	[303] Primordial power spectrum in light of JWST observations of high redshift galaxies	LAHA, Ranjan
11:25	[313] Searching for Sub-GeV dark matter using the Migdal effect	TOMAR, Gaurav
11:50	[316] Cogenesis by Majoron	CHUN, Eung Jin
12:15	[302] Compact Colliders of Tomorrow for Particle Physics	DASU, Sridhara
12:45	[304] Testing the quantum nature of gravity in a laboratory	MAZUMDAR, Anupam