



**XXIII DAE-BRNS HIGH ENERGY PHYSICS SYMPOSIUM 2018****Thursday, 13 December 2018****PARALLEL SESSION 6: BSM-IVA (HSB-210) (14:00 - 15:30)****-Conveners: Shrihari Gopalakrishna**

time	[id] title	presenter
14:00	[124] Modified Higgs Couplings in Minimal Composite Higgs Model and Beyond	BANERJEE, Avik
14:30	[126] NSI in Electrophilic v2HDM	SADHUKHAN, Soumya
14:45	[127] Can SKA-Phase 1 go much beyond the LHC in supersymmetry search?	KAR, Arpan
15:00	[128] flavor violation at LHC in events with two opposite sign leptons and a b-jet	KUMAR, Nilanjana
15:15	[129] Searching for light wino-like dark matter in the MSSM at the LHC	ABDALLAH, W

**PARALLEL SESSION 6: COSMOLOGY-IVA (HSB-310) (14:00 - 15:30)****-Conveners: Dawood Kothawala**

time	[id] title	presenter
14:00	[106] Cosmological Time Crystal: Cyclic Universe with a small $\Lambda$ in a toy model approach	Mr DAS, Praloy
14:15	[107] Constraints on light DM fermions from relic density consideration, SN1987A cooling and the role of Tsallis statistics	Mr GUHA, Atanu
14:30	[108] Neutron Star Cooling via Axion Emission by Nucleon-Nucleon Axion Bremsstrahlung	PAUL, Avik
14:45	[109] Confronting Kähler moduli inflation with CMB data	GANGOPADHYAY, Mayukh Raj
15:00	[110] Probing Fermi-Arcs with massive scalar field	Mr WAHLANG, Wadbor

**PARALLEL SESSION 6: DE-IVA (HSB-209) (14:00 - 15:30)****-Conveners: Vipin Bhatnagar**

time	[id] title	presenter
14:00	[44] Mini-Review talk	KUMAR, Ashok
14:30	[249] Measurement of azimuthal dependence of Cosmic ray muon flux using 2m x 2m RPC stack at IICHEP Madurai	Mr S, Pethuraj
14:45	[46] GEM GE1/1 Detector System and its Performance for the CMS Muon Endcap	SHAH, Aashaq Hussain
15:00	[47] Experimental and Numerical studies on the efficiency of gaseous detectors.	ROY, Promita
15:15	[48] Event Reconstruction Efficiency and Purity Studies for Charged Pion Semi-Inclusive Neutrino Charged-Current Cross Section in NOvA	TRIPATHI, Jyoti

**PARALLEL SESSION 6: SM-IVA (RAMAN HALL) (14:00 - 15:30)****-Conveners: Ravindran Kothenath Chirayil Kalam**

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14:00	[156] Three loop QCD corrections to heavy quark form factors	Dr RANA, Narayan
14:15	[157] Second order QCD-QED corrections to inclusive Higgs boson production through $bb\bar{}$ annihilation	AJJATH, A H
14:30	[158] MEASUREMENT OF PROPERTY OF HIGGS WITH MASS NEAR 125 GEV	SHARMA, Ashish
14:45	[159] Two-loop massless QCD corrections to the $b + b\bar{}$ $\rightarrow$ H + H four-point amplitude	MUKHERJEE, Pooja
15:00	[160] Underlying Event Measurements using CMS Detector at LHC	MANISHA, Manisha
15:15	[161] Rare Weak Decays of $B_c$ and $B_s$ Meson	PADMAPRIYA R, R