

XXIII DAE-BRNS HIGH ENERGY PHYSICS SYMPOSIUM 2018**Wednesday 12 December 2018****PARALLEL SESSION 5: BSM-III A (HSB-209) (11:00 - 13:00)****-Conveners: V RAVINDRAN**

time	[id] title	presenter
11:00	[121] Exotic leptonic solutions to observed anomalies in lepton universality observables and more	Mr DHARGYAL, Lobsang
11:15	[122] Naturalness and two Higgs doublet models	Ms BISWAS, Ambalika
11:30	[123] Search for dark matter with CMS in final state with missing ET and a single photon	GHOSH, Shamik
11:45	[116] Investigating the scalar sector of left-right symmetric models with leptonic probes	Mr BORAH, Debasish
12:00	[118] Stop-pair production search in di-tau final state at $\sqrt{s} = 1.3$ TeV at the CMS experiment	BHATTACHARYA, Soham
12:15	[117] Search for Supersymmetry with a compressed mass spectrum in the vector boson fusion topology with single hadronic tau channel in pp collisions at $\sqrt{s} = 13$ TeV	KUMARI, Priyanka
12:30	[242] Non-SUSY BSM and Dark Matter	Prof. GOPALAKRISHNA, Shrihari

PARALLEL SESSION 5: Formal Theory-III A (RAMAN HALL) (11:00 - 13:00)

time	[id] title	presenter
11:00	[139] Inflation with an antisymmetric tensor field	PADHY, Abhilash
11:15	[253] Heavy hadron spectrum on lattice using NRQCD	Mr MOHANTA, Protick
11:30	[137] Positive geometry of quartic interactions : Stokes polytope	BANERJEE, Pinaki
11:45	[136] recent findings on exotic tetraquark states	JUNNARKAR, Parikshit
12:15	[138] Perturbativity constraints on gauge couplings in U(1) extended SM and Left-Right models	CHAUHAN, Garv
12:30	[140] Fragmentation of Pseudoscalar Mesons	SAVEETHA, H
12:45	[142] Two loop Splitting function and Cross-Sections in N=4 SYM	CHAKRABORTY, Amlan

PARALLEL SESSION 5: NEU-III A (HSB-310) (11:00 - 13:00)**-Conveners: Nita Sinha**

time	[id] title	presenter
11:00	[179] Consequences of mixed $\mu\tau$ -flavored twisted Friedberg-Lee invariance for neutrinos	SINHA, Roopam
11:15	[180] Probing leptonic delta CP with low energy atmospheric neutrinos	MOHAN, Lakshmi .S.
11:30	[181] TeV Scale Seesaw Mechanism, Scalar Dark Matter and Electroweak Vacuum Stability	K. N., Vishnudath

11:45	[182] Study of atmospheric neutrino oscillation parameters at the INO-ICAL detector using electron neutrino events	CHACKO, Aleena
12:00	[183] Improving mass hierarchy and octant sensitivity of proposed ESSvSB experiment using synergies with accelerator and atmospheric experiments	GUPTA, Chandan
12:15	[184] Consequences of CP transformed mixed $\nu_{\mu}\nu_{\tau}$ antisymmetry	ROY, Probir
12:30	[185] Baryogenesis via leptogenesis from asymmetric dark matter and radiatively generated neutrino mass	Dr PATRA, Sudhanwa
12:45	[186] Identification of cosmic primaries in UHECR using the lateral profile of muons	Dr DEVI, Moon Moon

PARALLEL SESSION 5: SM-IIIA (HSB -201) (11:00 - 13:00)

-Conveners: Vipin Bhatnagar

time	[id] title	presenter
11:00	[147] Mini-Review talk	OYANGUREN, Arantza
11:30	[148] Physics Potential of High Luminosity LHC	MAZUMDAR, Kajari
11:45	[150] Search for SM Higgs boson production in association with top quark pairs at CMS	DEWANJEE, Ram Krishna
12:00	[151] First measurement of single top quark production cross-section in association with W boson at $\sqrt{s} = 13$ TeV with CMS detector[1]	PRIYANKA, Priyanka
12:15	[152] Study for Z boson production in association with b-jets in proton-proton collision at 13 TeV	MEENA, Meena
12:30	[154] Search for Higgs boson pair production in the 4W channel with 3l + 2j final state at $\sqrt{s} = 13$ TeV with CMS detector	SAWANT, Siddhesh
12:45	[155] Search for anomalous electroweak production of WW/WZ/ZZ boson pairs in association with two jets in p-p collision at 13 TeV	Mr SHARMA, Ram Krishna