



**XXIII DAE-BRNS HIGH ENERGY PHYSICS SYMPOSIUM 2018****Thursday, 13 December 2018****PARALLEL SESSION 7: COSMOLOGY-IVB (HSB-310) (16:00 - 17:00)****-Conveners: Raghavan Rangarajan**

time	[id] title	presenter
16:00	[143] Starobinsky Cosmological model in extended gravity with hybrid scale factor	ESMAEILI, Fakhreh MD.
16:15	[144] One-Loop Effective Action for Nonminimal Natural Inflation Model	AASHISH, Sandeep
16:30	[145] Mixing dynamics of Dim-5 interactions (Scalar/pseudoscalar-photon) in Magnetised medium.	CHAUBEY, Ankur
16:45	[146] TeV Scale Leptogenesis with Inflaton Dark Matter in Scotogenic Model	KUMAR, Abhass

**PARALLEL SESSION 7: DE-IVB (HSB-209) (16:00 - 17:15)****-Conveners: Vipin Bhatnagar**

time	[id] title	presenter
16:00	[49] Optical Communication for RPCDAQ	Ms ABINAYA, Abinaya
16:15	[50] MicroTCA Data Acquisition System	PATIL, Mandakini Ravindra
16:30	[52] Prototype tests Electromagnetic Calorimeter, FOCAL, at CERN-SPS using large dynamic range readout electronics	MUHURI, Sanjib
16:45	[54] Efficiency measurement of triple GEM chamber using $\beta$ -source & FPGA based readout	KUMAR, Ajit
17:00	[251] Density-scaling of lateral distributions of electrons and muons in EAS	Mr DEY, Rajat K

**PARALLEL SESSION 7: HI-IVA (HSB-210) (16:00 - 17:30)****-Conveners: Bedangadas Mohanty**

time	[id] title	presenter
16:00	[210] Role of multipartonic interaction on multiplicity dependence study of $J/\psi$ production at the LHC	THAKUR, Dhananjaya
16:15	[211] Detailed studies of prompt $J/\psi$ and $\psi(2S)$ production in pp, pPb and PbPb collisions at $\sqrt{s} = 5.02$ TeV	SHUKLA, Prashant
16:30	[212] Revisiting order of Quark-Gluon Plasma(QGP) phase transition under a model density of states for Quarks and Gluons in a QGP droplet	JHA, Agam K.
16:45	[214] Deconfinement to Confinement as PT phase transition	RAVAL, Haresh

**PARALLEL SESSION 7: SM-IVB (RAMAN HALL) (16:00 - 17:15)****-Conveners: Ravindran Kothenath Chirayil Kalam**

time	[id] title	presenter
16:00	[162] Probing new physics in $B_s$ to $(K, K^*)\nu$ and $B$ to $\pi\nu$ decays	N, Rajeev

16:15	[163] Predictions of Angular Observables for $\bar{B}_s \rightarrow K^* \ell \ell$ and $\bar{B} \rightarrow \rho \ell \ell$ in Standard Model	KINDRA, Bharti
16:30	[164] Search of New Physics with $B_s^0 \rightarrow l^+ l^-$	BISWAS, Swagata
16:45	[165] Study of $X(3872)$ and $X(3915)$ in $B \rightarrow (J/\psi \omega)K$ at Belle.	PATRA, Saurav
17:00	[221] Search for 2 leptons (opposite sign) and 1tau channel in $t\bar{t}H$ decay analysis using BDT XGboost algorithm	MAURYA, Murli Kartik