

## Time Table CHEP In-house 2024

### Day One: 09/11/2024

Time	Speaker	Title
09:25 - 09:30	Sudhir Vempati:	Opening Talk
09:30 - 09:50	Justin David	Precision tests of bulk entanglement entropy
09:50 - 10:10	Mani Shankar	Lorentzian Robin Universe of Gauss-Bonnet Gravity
10:10 - 10:30	Abhishek Dubey	Search for Dark Matter using gamma ray observation by Tibet AS_{gamma} and LHAASO
10:30 - 10:50	Nivedita Ghosh	Unveiling the CP-odd Higgs in a Generalized 2HDM Model at a Muon Collider
<b>10:50 - 11:10</b>	<b>Tea/Coffee</b>	
11:10 - 11:30	Wellness Program	
11:30 - 11:50	Sudeepan Datta	QCD corrections to the heavy-to-light form factors
11:50 - 12:10	Sanchari Bhattacharyya	Search for Dark Matter at the LHC using EFT Approach
12:10 - 12:30	Pradipta S. Pathak	Holomorphic Factorization at the Quantum Horizon
12:30 - 12:50	Manish Tamta	Breaking into the window of primordial black hole dark matter with x-ray microlensing
<b>12:50 - 2:10</b>	<b>LUNCH</b>	
2:10 - 2:30	Faizan Bhat	Bootstrapping String Models from Machine Learning
2:30 - 2:50	Debajit Bose	Troubles mounting for multipolar dark matter
2:50 - 3:10	Camellia Bose	Top tagging at 100 TeV collider
3:10 - 3:30	Eung Jin Chun	TBA
3:30 - 3:50	Akash Kumar Saha	Searching for Dark Matter with MeVCube
<b>3:50 - 4:10</b>	<b>Tea /Coffee</b>	
4:10 - 4:30	Debapriyo Chowdhury	Bootstrapping string models with entanglement minimization
4:30 - 4:50	Prasanjit Aich	The matrix model of two-color one-flavor QCD: The ultra-strong coupling regime
4:50 - 5:10	Jyothsna R. Komaragiri	TBC
5:10 - 5:30	Eric Laenen	The future of CERN, and the beauty of Resurgence
5:30 - 5:50	Samadrita Mukherjee	Reinterpreting bounds from DY pair-production in terms of weak isospin.
5:50 - 6:10	Abhijeet Singh	Hunting PBH Dark Matter in the Lyman-alpha forest
<b>6:20 - 7:30 PM</b>	<b>Poster</b>	
<b>7:30 PM</b>	Dinner	

## Time Table CHEP In-house 2024

### Day Two: 10/11/2024

Time	Speaker	Title
09:30 - 09:50	B Ananthanarayan	Hypergeometric functions and Feynman Integrals: mathematica implementations at the interface
09:50 - 10:10	Shubhashis Malik	Boundary choices and One-loop complex Universe
10:10 - 10:30	Pingal Pratyush Nath	Certified Randomness from Temporal Correlations
10:30 - 10:50	Tribeni Mishra	Search for SUSY in events with $\ell + \gamma +$ missing transverse momentum using full Run 2 data
<b>10:50 - 11:10</b>	<b>Tea/Coffee</b>	
11:10 - 11:30	Minakshi Nayak	Precision Testing of the Standard Model Using Tau Leptons at Belle II
11:30 - 11:50	Ranjini Mondol	Probing neutrino self-interactions with JWST data
11:50 - 12:10	Aadarsh Singh	Flavours From Fractals
12:10 - 12:30	Srijan Kumar	One point functions in large $N$ vector models at finite chemical potential
12:30 - 12:50	Vaibhav	A Bottom-Up approach to Black Hole microstates
12:50 -	Lunch	