

Physics in Hadronic and Nuclear Collisions
March 27 - 30, 2025
Puri

Program Schedule

Thursday March 27, 2025

Time	Speaker	Title
15:00- 15:45	Bedangadas Mohanty	Overview of results in Nuclear Collisions
15:45 -16:30	Subir Sarkar	Overview of QCD measurements in Hadron Colliders
16:30 - 1700	BREAK	TEA/COFFEE
17:00 - 17:30	Najmul Haque	Thermodynamic properties of the QGP
17:30-18:00	Narayan Rana	Precision Physics and perturbative calculations

Friday March 28, 2025

Time	Speaker	Title
9:00 - 9:30	TBC	India-ALICE collaboration activities
9:30 - 10:00	Sanjay Swain	India-CMS collaboration activities
10:00-10:30	Amaresh Jaiswal	Vorticity and spin physics
10:30 - 11:00	BREAK	TEA/COFFEE
11:00 - 11:30	Sadhana Dash	Review of heavy flavour measurements
11:30 - 12:00	Sanmay Ganguly	Measurements of QCD cross sections, alfas..
12:00 - 12:30	Saranya S Ghosh	W/Z, top cross section measurements
12:30 - 14:00	BREAK	LUNCH
14:00 - 14:30	Ambaresh Shivaji	Prediction of QCD precision of top and jet production
14:30 - 15:00	Saumen Datta	Heavy flavours in finite temperature
15:00 - 15:30	Sunanda Banerjee	Object reconstructions in CMS
15:30 - 16:00	BREAK	TEA/COFFEE
16:00 - 16:30	Natasha Sharma	Anti-Nuclei production at ALICE
16:30 - 17:00	Sunil Bansal	MPI, UE, generator tuning
17:00-17:20	Manas Maity	Event Shape measurements in CMS
17:20 - 17:40	Ranbir Singh	Resonance production in heavy ion collisions

Saturday March 29, 2025

Time	Speaker	Title
9:00 - 9:30	Chitrasen Jena	Experimental overview of STAR results
9:30-10:00	Tuhin S Roy	Physics of Jets and Jet-Substructure
10:00-10:30	Nihar Ranjan Sahoo	Hard probes and photons at RHIC
10:30 - 11:00	BREAK	TEA/ COFFEE
11:00 - 11:30	Aruna Nayak	Higgs measurements in CMS
11:30 - 11:50	Proloy K Mal	Top cross section measurements in CMS
11:50 - 12:10	Rishi Sharma	Quarkonia: Theoretical developments
12:10 - 12:30	Subikash Choudhury	Quarkonia Production at the LHC
12:30 - 14:00	BREAK	LUNCH
14:00-14:30	Nilmani Mathur	Exotica
14:30 -15:00	Bhabani Sankar Tripathy	Heavy tetra-quark spectroscopy in Lattice QCD
15:00-15:30	K.Sridhar	NRQCD
15:30 - 16:00	BREAK	TEA/COFFEE
16:00 -16:30	Sayan Chatterjee	HI physics in CMS
16:30 - 17:00	Sandip Chatterjee	Collective flow and Heavy flavour dynamics
17:00 - 17:20	Mriganka K Mondal	The Spin structure of proton with polarised proton

Sunday March 30, 2025

Time	Speaker	Title
9:00 - 9:20	Pranati jana	Exclusive photon and lepton production in ultraperipheral PbPb collisions in CMS
9:20 - 9:40	Subhadip Roy	Correlations measurements in ALICE
9:40 - 10:00	Aswino K Sahoo	LF production at RHIC
10:00 - 10:20	Somnath Pal	Hadron production in heavy ion collisions through recombination model
	TEA	COFFEE

-----Meeting Ends-----