Session Program

Sep 4 – 6, 2025

Hot QCD Matter 2025 (Series 3)

Poster Session

Lecture Hall Complex, IIT Bhilai, L106
Department of Physics, IIT Bhilai, Kutelabhata, Durg, Chattisgarh 491002

Thu, September 4

4:40 PM

Poster Session

Session |
Location: Lecture Hall Complex, IIT Bhilai, L106, Department of Physics, IIT Bhilai, Kutelabhata, Durg, Chattisgarh 491002

4:40 – 4:50 PM

Mass bounds for fully bottom tetraquark from Regge phenomenology driven inequalities

Speaker
Vandan Patel

4:50 – 5:00 PM

When Stars Collapse in Silence: Magnetar-Black Hole Variability Under the Veil of Dark Matter

Speaker
Anmol Gandhi

5:00 – 5:10 PM

Effect of viscosity on jet thermalization in hot QCD plasma.

Speaker
Sally Rodrigues

5:10 – 5:20 PM

Heavy quark relaxation time from the effective QCD potential

Speaker
Mr Prasanta Murmu

5:20 – 5:30 PM

Modelling transport properties of compressed baryonic matter

Speaker
Anand Rai

5:40 PM

4:40 PM

Poster Session

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4:40 – 4:50 PM

Impact of Spin on Quark Wigner Distributions

Speaker
SUJIT JANA

4:50 – 5:00 PM

Coalescence Like Sum Rules from Hydrodynamics

Speaker
Ms Priya

5:00 – 5:10 PM

Thermalization and Transport Phenomena in Oxygen-Oxygen Collisions at √(s_NN)=7 TeV: A Color String Percolation Model Approach

Speaker
Ms Thresia Michael

5:10 – 5:20 PM

Numerical Relativistic Magnetohydrodynamics and Related study in Heavy Ion Collisions

Speaker
Krishanu Sengupta

5:20 – 5:30 PM

Probing Dissipative Dynamics of Hybrid Stars through r-mode Oscillations

Speaker
KHUSHBU ZALA

5:40 PM

4:40 PM

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4:40 – 4:50 PM **The Diquark-Antidiquark Picture of Kaon-like Resonances**

Speaker
Chetan Lodha

4:50 – 5:00 PM

Two-body nonleptonic decays of D, Ds, B and Bs mesons in the factorization approach: Theoretical predictions for heavy-ion physics applications

Speaker
Manakkumar Parmar

5:00 – 5:10 PM

Meson Mass Modifications in Hot and Dense QCD Matter via a Complex Heavy-Quark Potential

Speaker
DIPESH YADAV

5:10 – 5:20 PM

Mass Spectra of Cascade Bottom–Charm Baryons (Ξ_{bc}, Ξ'_{bc}) in a Relativistic Flux Tube Model

Speaker
Mr V.G. Prajapati

5:20 – 5:30 PM **Investigation of the Mass Spectra of Singly Charmed Pentaquarks**

Speaker
Hardik Rathod

5:40 PM