



8th International Conference on Physics and Astrophysics of Quark Gluon Plasma (ICPAQGP-2023)



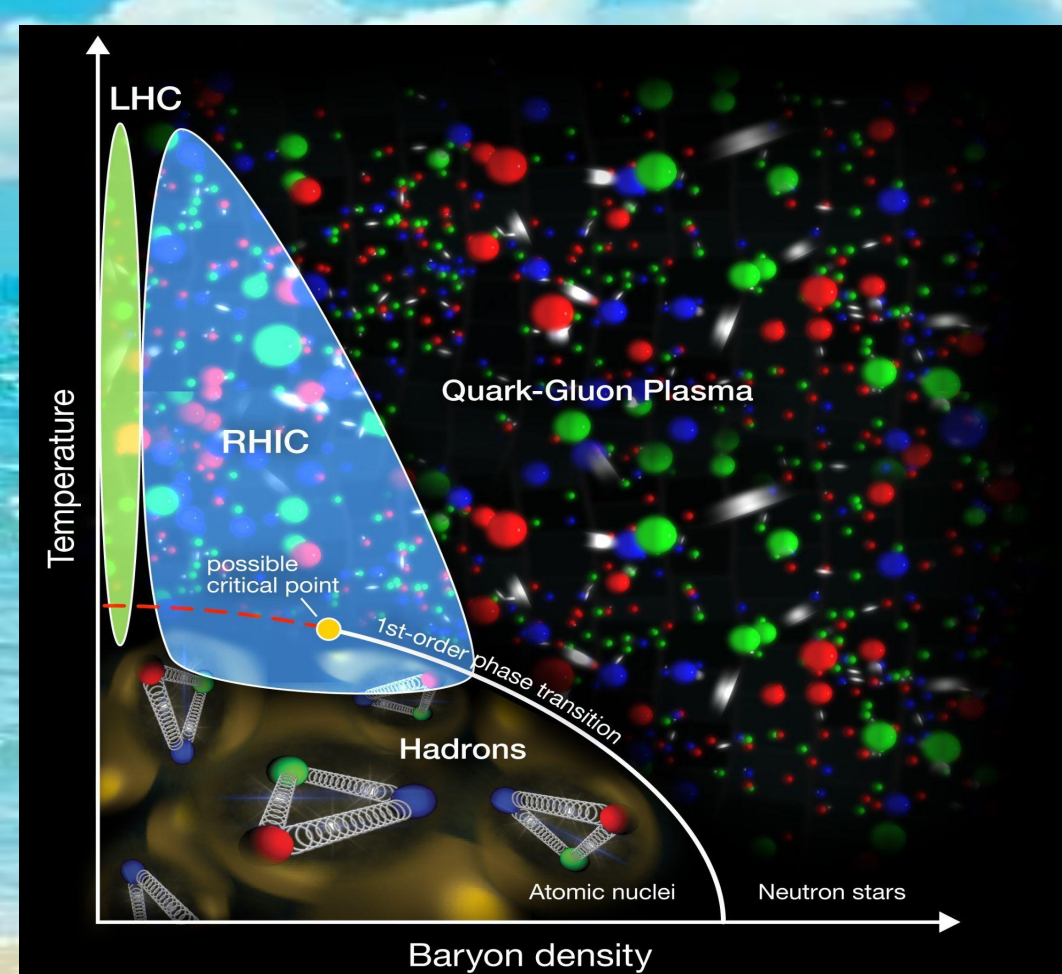
7-10 February 2023, Puri, Odisha, India

Variable Energy Cyclotron Centre, Kolkata, India

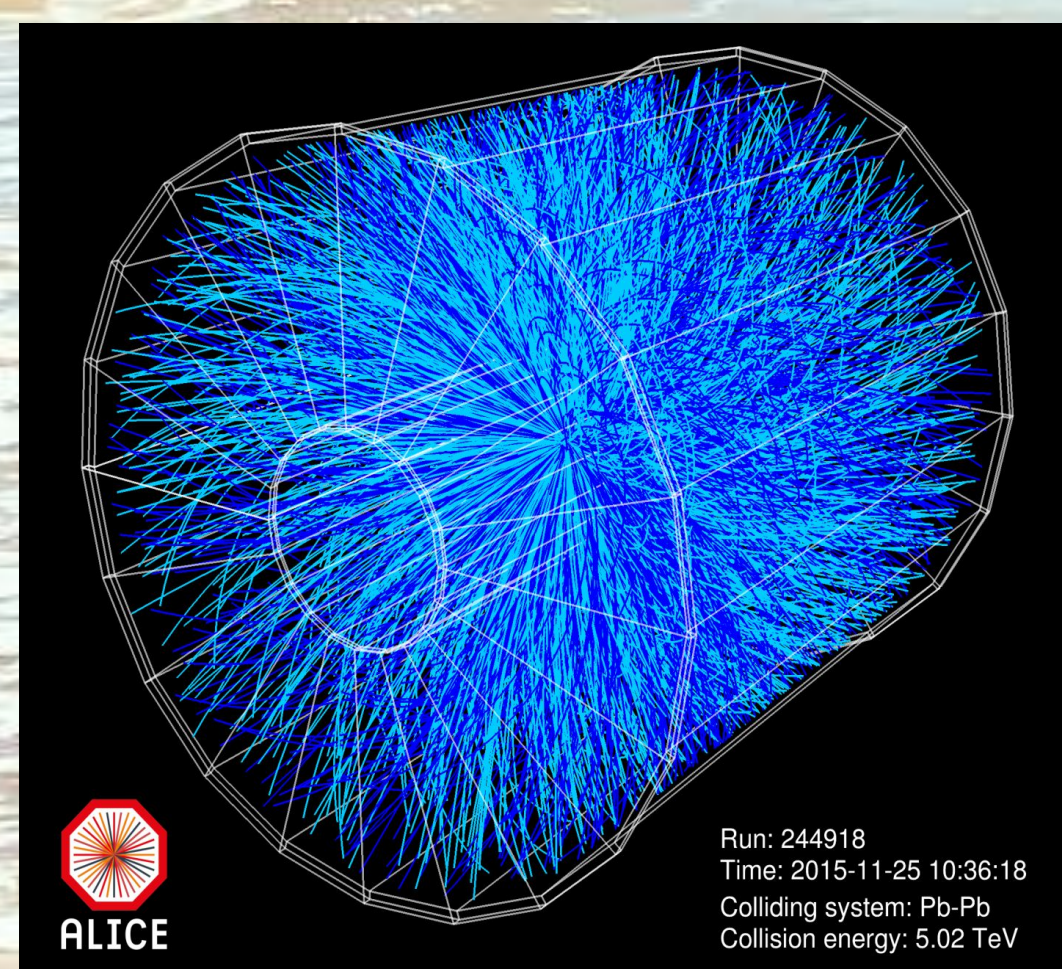
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The 8th ICPAQGP will take place during 7-10 February, 2023 at Puri, Odisha, India. The Conference will focus on the recent theoretical and experimental developments in the field of Quark-Gluon Plasma and its Astrophysical connection with the early Universe.



Student day: February 6, 2023



Important Deadlines

Abstract Submission : November 30, 2022
Registration : December 20, 2022
Application For Support : December 15, 2022

Topics:

- ❖ QCD at high temperature and/or high baryon density
- ❖ Strong interactions in electromagnetic fields
- ❖ QCD phase diagram and critical point
- ❖ Implications of QCD phase transition in the early universe
- ❖ QCD equation of state in heavy-ion collisions and neutron stars
- ❖ Correlations and fluctuations
- ❖ Hard and electromagnetic probes
- ❖ Heavy flavor, quarkonium and strangeness productions
- ❖ Hydrodynamics, vorticity and spin polarization
- ❖ Chiral magnetic effect and other transport phenomena
- ❖ Initial state physics
- ❖ Collectivity in small and large systems
- ❖ Hadron and light nuclei productions
- ❖ New theoretical developments
- ❖ Upcoming facilities, upgrades, and instrumentation

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Convener, ICPAQGP-2023

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