

Session Program

21–26 Sept 2025



European Nuclear Physics Conference 2025

Heavy Ion Collisions and QCD Phases

Moho
16 bis Quai Hamelin 14000 CAEN

Monday 22 September

14:00

Heavy Ion Collisions and QCD Phases: 1

Session | **Location:** Moho, 16 bis Quai Hamelin 14000 CAEN | **Conveners:** Alessandra Fantoni, Michael Winn

14:00–14:25 Soft probes of collectivity, from hadrons to nuclei

Speaker

Nicolo Valle

14:25–14:50

The unexpected uses of a bowling pin: exploiting Ne-20 isotopes for precision characterizations of collectivity in small systems

Speaker

Govert Nijs

14:50–15:15

Fluctuation measurements as a probe of hot QCD matter

Speaker

Mesut Arslanodok

15:15–15:35

The ASY-EOS-II experiment (S122) at GSI/FAIR: studying the EoS (Equation-of-State) of neutron rich matter at high baryon densities.

Speaker

Enrico De Filippo

15:35–15:55

Flow phenomena at high nuclear densities with HADES

Speaker

Behruz Kardan

15:55–16:15

Nuclear symmetry energy constraint from isospin diffusion with INDRA-FAZIA

Speaker

Caterina Ciampi

16:15–16:35

Effective chiral lagrangian with thermal field fluctuations and broken scale invariance

Speaker

Luca Passarella

16:35

Tuesday 23 September

14:00

Heavy Ion Collisions and QCD Phases: 2

Session | Location: Moho, 16 bis Quai Hamelin 14000 CAEN

14:00–14:25 Heavy-flavour measurements in ultra-relativistic heavy-ion collisions

Speaker

Jing Wang

14:25–14:50 Heavy-flavour and quarkonium measurements from pp to AA collisions

Speaker

Stefano Trogolo

14:50–15:15 Exploring the phase diagram with electromagnetic probes

Speaker

Alberica Toia

15:15–15:35 Charm hadron production in fixed-target collisions at the LHC

Speaker

Mr Gabriel Ricart

15:35–15:55 Beauty production in pp collisions at 13.6 TeV with ALICE

Speaker

Emilie BARREAU

15:55–16:15 Quarkonium production in pp collisions at $\sqrt{s}=13.6$ TeV with ALICE

Speaker

Lorenzo Mattei

16:15–16:35 Quarkonium collectivity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.36$ TeV with ALICE

Speaker

Rebecca Cerri

16:35