

Session Program

24-28 Oct 2022



European Nuclear Physics Conference 2022 (EuNPC 2022)

P5 Heavy Ion Collisions and QCD Phases

University of Santiago de Compostela, Facultad de Ciencias de la Comunicación
Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

Tuesday 25 October

15:00

P5 Heavy Ion Collisions and QCD Phases

Session |

Location: University of Santiago de Compostela, Classroom 1, Facultad de Ciencias de la Comunicación, Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

15:00–15:20

Hot and dense strongly interacting matter from lattice QCD - a mini review**Speaker**

Attila Pasztor

15:20–15:40

Constraining the QCD phase diagram**Speaker**

Owe Philipsen

15:40–16:00

Centrality dependent Lévy analysis of two-pion Bose-Einstein correlation functions at $\sqrt{s_{NN}} = 200$ GeV at PHENIX.**Speakers**

Tamas Novak, Tamas Novak

16:00–16:20

The road to first physics with the MPD at NICA**Speaker**

Ivonne Maldonado

16:45

Wednesday 26 October

15:45

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15:45-16:05

Status of soft probes and the initial condition of the quark-gluon plasma

Speaker

Giuliano Giacalone

16:05-16:25

Hard probes in heavy-ion collision (theory)

Speaker

Bin Wu

16:25-16:45

New jet results with ALICE

Speaker

Hadi Hassan

16:45-17:05

Quarkonium production and elliptic flow in small systems with ALICE

Speaker

Giacomo Alocco

17:15

17:30

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17:30-17:50

Recent Heavy Ion Results from ATLAS and CMS

Speaker

Olga Evdokimov

17:50-18:10

LHCb highlights in heavy ion collisions

Speaker

Samuel Belin

18:10-18:30

Highlights from the PHENIX experiment at RHIC

Speaker

Mate Csanad

18:30-18:50

Highlights from the heavy-ion program of the STAR and BRAHMS experiments at RHIC

Speaker

Daniel Kikola

19:15

Thursday 27 October

15:00

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15:00–15:20

Features of strangeness production in pp and heavy ion collisions

Speaker

Prof. Mihai Petrovici

15:20–15:40

Study of strange particle pT spectra in heavy-ion collisions at relativistic energies

Speaker

Oana Ristea

15:40–16:00

New experimental observables to probe (anti)nucleosynthesis with ALICE

Speaker

Francesco Mazzaschi

16:00–16:20

Multiplicity-dependent production of heavy mesons with strangeness in small systems at LHCb

Speaker

Clara Landesa Gomez

16:20–16:40

First measurements of antinuclei inelastic cross sections and their impact on astrophysical dark matter searches

Speaker

Stephan Alexander Konigstorfer

16:45

17:00

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17:00–17:20

ALICE measurement of $\psi(2S)$ production in Pb–Pb

Speaker

Jana Crkovska

17:20–17:40

ALICE upgrades for Run 4

Speaker

Prof. Stefania Maria Beole

17:40–18:00

Charm and beauty production measurements to constrain transport models with ALICE

18:30

Speaker
Stefano Politano