

Session Program

13-17 Jun 2022



Strangeness in Quark Matter 2022 (SQM 2022)

PA-Other topics

Paradise Hotel Busan
296, Haeundaehaebyeon-ro, Haeundae-gu, Busan Metropolitan City, Republic of Korea

Tuesday 14 June

14:00

PA-Other topics

Session | Location: Sydney | Convener: Matteo Buzzegoli

14:00-14:20

Scaling properties of background- and chiral-magnetically-driven charge separation in Au+Au, Ru+Ru, and Zr+Zr collisions at $\sqrt{s_{\mathrm{NN}}}$ = 200 GeV

Speaker

Roy Lacey

14:20-14:40

Estimate of a new baseline for the chiral magnetic effect in isobar collisions at RHIC

Speakers

Yicheng Feng, Yicheng Feng

14:40-15:00

J/ψ photoproduction and the production of dileptons via photon-photon interactions in hadronic Pb-Pb collisions measured with ALICE

Speaker

Laure Marie Massacrier

15:00-15:20

Thermal radiation and direct photon production in Pb-Pb and pp collisions with dielectrons in ALICE

Speaker

Hikari Murakami

15:20-15:40

Understanding the initial state effects by the measurement of the Drell-Yan process in pPb collisions with CMS

Speaker

Hyunchul Kim

15:40

16:10

PA-Other topics

Session | Location: Sydney | Convener: Youngman Kim

16:10-16:30

Observation of $\gamma\gamma \rightarrow \tau\tau$ production in PbPb collisions with the CMS experiment

Speaker

Georgios Krintiras

16:30-16:50

Measurement of exclusive vector meson photoproduction in pPb and PbPb collisions with the CMS experiment

Speaker

Subash Chandra Behera

16:50-17:10

Electroweak-boson production from small to large collision systems with ALICE at the LHC

Speaker

Guillaume Taillepiéd

17:10

Wednesday 15 June

08:40

PA-Other topics

Session | Location: Sydney | Convener: Dániel Barta

08:40–09:00

The medium-modified $g \rightarrow c \bar{c}$ splitting function in the BDMPS-Z formalism

Speaker

Sohyun Park

09:00–09:20

Reconstructing neutron star equation of state from observational data via automatic differentiation

Speaker

Shriya Soma

09:20–09:40

Extending the ALICE strong-interaction studies to nuclei: measurement of proton-deuteron, K^{\pm} -deuteron, and Λ -deuteron correlations in pp collisions at $\sqrt{s} = 13$ TeV

Speaker

Bhawani Singh

09:40–10:00

Initial electromagnetic field dependence of photon-induced production in isobaric collisions at STAR

Speaker

Kaifeng Shen

10:00–10:20

The dark side of ALICE: from antinuclei interactions to dark matter searches in space

Speaker

Pavel Larionov

10:20

10:50

PA-Other topics

Session | Location: Sydney | Convener: Aleksas Mazeliauskas

10:50–11:10

Quarkonia production in ultraperipheral PbPb collisions at LHCb

Speaker

Weisong Duan

11:10–11:30

Probing the valence quark region of nucleons with Z bosons at LHCb

Speaker

Hengne Li

11:30–11:50

Causality violations in realistic nuclear collision simulations

Speaker

Christopher Plumberg

11:50-12:10

Single transverse spin asymmetry of very forward neutral pion

Speaker

Hee-Jin Kim

12:10