

Session Program

13-17 Jun 2022



Strangeness in Quark Matter 2022 (SQM 2022)

PA-Resonances and Hyper-nuclei

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

Tuesday 14 June

09:00

PA-Resonances and Hyper-nuclei

Session | Location: Sydney | Convener: Sungtae Cho

09:00–09:20

Light (anti-)cluster production from nonlocal many-body scatterings in high-energy nuclear collisions

Speaker

Dr Kaijia Sun

09:20–09:40

Measurement of the production of (anti)(hyper)nuclei with ALICE

Speaker

Chiara Pinto

09:40–10:00

Exploring the hadronic phase of relativistic heavy-ion collisions with resonances in ALICE

Speaker

Dukhishyam Mallick

10:00–10:20

Hypernuclei and light nuclei production with phase space coalescence in UrQMD

Speaker

Tom Reichert

10:20

10:50

PA-Resonances and Hyper-nuclei

Session | Location: Sydney | Convener: Chiara Pinto

10:50–11:10

Understanding the nature of $f_0(980)$ with ALICE at the LHC

Speaker

Junlee Kim

11:10–11:30

Rescattering effects on resonances production in small systems with ALICE at the LHC

Speaker

Antonina Rosano

11:30–11:50

Measurements on the production and lifetime of light hypernuclei at STAR

Speaker

Yuanjing Ji

11:50–12:10

Production of K^{*0} in Au+Au collisions at $\sqrt{s_{NN}} = 14.6$ and 19.6 GeV in BES-II from STAR

Speaker

Aswini Kumar Sahoo

12:10-12:30

Collective flow of light nuclei and hyper-nuclei in Au+Au collisions at $\sqrt{s_{NN}}$ = 3, 14.6, 19.6, 27, and 54.4 GeV using the STAR detector

Speaker

Rishabh Sharma

12:30

Wednesday 15 June

11:50

PA-Resonances and Hyper-nuclei

Session | Location: GBR2 | Convener: Lukáš Chlad

11:50–12:10

First observation of $\Lambda_{\bar{4}}^{\bar{\Lambda}}\bar{H}$ in heavy-ion collisions at RHIC

Speaker

Junlin Wu

12:10–12:30

Molecular structure hadron in coalescence model

Speaker

Mr HyungOk Yoon

12:30