

## 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 $\Lambda(980)$ 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 $\mathrm{K}^0$ 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  $\Lambda_{\bar{\Lambda}}^4$  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