Session Program

Jun 3 – 7, 2024

Strangeness in Quark Matter 2024 (SQM 2024)

Track7-OthTop

Université de Strasbourg / Palais de la Musique et des Congrès, Room Curie
Strasbourg, France

Tue, June 4

2:00 PM

Track7-OthTop

Session | **Location:** Palais de la Musique et des Congrès, Room Madrid | **Convener:** Maria Paola Lombardo

2:00 – 2:20 PM

Bayesian uncertainty quantification of perturbative QCD input to the neutron-star equation of state

Speaker
Aleksas Mazeliauskas

2:20 – 2:40 PM

Strange quark nucleation in astrophysics: thermal fluctuations of the composition

Speaker
Mirco Guerrini

2:40 – 3:00 PM

Implication of Quarkyonic duality to the hyperon puzzle

Speakers
Yuki Fujimoto, Yuki Fujimoto

3:00 – 3:20 PM

Thermal dielectron measurement in Au+Au collisions with STAR BES-II data

Speaker
Zhen Wang

3:20 – 3:40 PM

Thermal radiation via dielectrons with ALICE

Speakers
Mr Jerome Jung, Jerome Jung

3:40 – 4:00 PM

Pre-equilibrium photons from the early stages of heavy-ion collisions

Speaker
Oscar Garcia-Montero

4:00 PM

5:10 PM

Track7-OthTop

Session | **Location:** Palais de la Musique et des Congrès, Room Londres 1 | **Convener:** Dr Nu Xu

5:10 – 5:30 PM

Searching for the baryon number carrier with heavy-ion collisions at the STAR experiment

Speaker
Rongrong Ma

5:30 – 5:50 PM

Shedding light on strong interactions in three-baryon systems with ALICE Run 3 data

Speakers
Anton Riedel, Laura Serksnyte

5:50 – 6:10 PM

Directed Flow of Λ, $^{3}_{\Lambda}{\rm H}$, and $^{4}_{\Lambda}{\rm H}$ in Au+Au collisions at $\sqrt{s_{NN}}$ = 3.2, 3.5, 3.9 and 4.5 GeV at RHIC

Speaker
Junyi Han

6:10 PM