

## **Session Program**

**23 August 2021 to 7 October 2021**



## **10th International Conference on New Frontiers in Physics (ICNFP 2021)**

### ***Workshop on Physics at FAIR-NICA-SPS-BES/ RHIC***

Venue: OAC conference center, Kolymbari, Crete, Greece. Participation is possible also via internet.

## Tuesday 31 August

11:00

### Workshop on Physics at FAIR-NICA-SPS-BES/RHIC

Session | Location: Room 1

11:00–11:30

#### Studying the QCD phase diagram through higher-order fluctuations in RHIC-BES at STAR

##### Speaker

Dr Toshihiro Nonaka

11:30–12:00

#### Light-nuclei production in heavy-ion collisions in Three-fluid Hydrodynamics-based Event Simulator (THESEUS)

##### Speaker

Marina Kozhevnikova

12:00–12:30

#### Vorticity in Heavy-Ion Collisions at NICA Energies

##### Speaker

Dr Evgeny Kolomeitsev

12:30–13:00

#### A machine learning procedure for the selection of muon track candidates in the CBM experiment.

##### Speaker

Anna Senger

13:00–13:30

#### Ambiguities in the hadro-chemical freeze-out of Au+Au collisions at SIS18 energies and how to resolve them

##### Speaker

Anton Motornenko

13:30

17:00

### Workshop on Physics at FAIR-NICA-SPS-BES/RHIC

Session | Location: Room 1

17:00–17:30

#### Feasibility studies of strangeness production in heavy-ion interactions at the BM@N experiment

##### Speaker

Alexandre Zinchenko

17:30–18:00

#### The Compressed Baryonic Matter (CBM) Experiment at FAIR

##### Speaker

Kshitij Agarwal

18:00–18:30

#### Asymmetry energy and nuclear matter equation of state: High density perspectives at GSI/FAIR.

**Speaker**

Dr Arnaud LeFevre

18:30–19:00

**The heavy-ion program of the BM@N Experiment at NICA**

**Speaker**

Prof. Peter Senger

19:00