

# **Young scientists' workshop and 58. Karpacz Winter School of Theoretical Physics "Heavy Ion Collision: From First to Last Scattering"**



## **Report of Contributions**

Contribution ID : 1

Type : **not specified**

# Higher order cumulants and factorization breaking in heavy ion collision

*Monday, 20 June 2022 10:50 (15)*

**Presenter(s)** : SAMANTA, Rupam (AGH University of Science and Technology)

**Session Classification** : Student talks

Contribution ID : 2

Type : **not specified**

## **Relativistic perfect-fluid spin hydrodynamics based on GLW pseudogauge**

*Monday, 20 June 2022 11:05 (15)*

**Presenter(s) :** Mr. SINGH, Rajeev (Instytut Fizyki Jądrowej PAN)

**Session Classification :** Student talks

Contribution ID : 3

Type : **not specified**

## **Relativistic fluid dynamics of multiple conserved charges**

*Monday, 20 June 2022 11:20 (15)*

**Presenter(s) :** Mr. FOTAKIS, Jan

**Session Classification :** Student talks

Contribution ID : 4

Type : **not specified**

## **First-order stable and causal hydrodynamics from kinetic theory**

*Monday, 20 June 2022 11:35 (15)*

**Presenter(s) :** Mr. BISWAS, Rajesh

**Session Classification :** Student talks

Contribution ID : 5

Type : **not specified**

## **Equivalence of canonical and phenomenological formulations of spin hydrodynamics**

*Monday, 20 June 2022 16:30 (15)*

**Presenter(s) :** ASAAD, Daher

**Session Classification :** Student talks

Contribution ID : 6

Type : **not specified**

## **Angular Momentum in Heavy-Ion Collisions via the Hadronic Transport Approach SMASH**

*Monday, 20 June 2022 16:45 (15)*

**Presenter(s) :** SAß, Nils

**Session Classification :** Student talks

Contribution ID : 8

Type : **not specified**

## **QGP tomography with ebe-DREENA framework**

*Monday, 20 June 2022 17:00 (15)*

**Presenter(s) :** ZIGIC, Dusan

**Session Classification :** Student talks



Contribution ID : 9

Type : **not specified**

## **Anisotropy of the QGP droplet explored through high-pt data**

*Monday, 20 June 2022 17:15 (15)*

**Presenter(s)** : STOJKU, Stefan

**Session Classification** : Student talks

Contribution ID : 11

Type : **not specified**

## **Neutron stars with crossover to superconducting quark matter**

*Tuesday, 21 June 2022 10:50 (15)*

**Presenter(s)** : HANU, Elena-Oana

**Session Classification** : Student talks

Contribution ID : 12

Type : **not specified**

## **Antiproton production analysis at NICA energies**

*Tuesday, 21 June 2022 11:20 (15)*

**Presenter(s) :** UDREA, Iuliana-Carina

**Session Classification :** Student talks

Contribution ID : 13

Type : **not specified**

## **Constraining the critical temperature for color superconductivity in heavy-ion collisions from neutron star phenomenology**

*Tuesday, 21 June 2022 11:05 (15)*

**Presenter(s) :** SHUKLA, Udit

**Session Classification :** Student talks

Contribution ID : 14

Type : **not specified**

## **Collective modes of gluons in an anisotropic thermo-magnetic medium**

*Friday, 24 June 2022 12:20 (15)*

**Presenter(s) :** KARMAKAR, Bithika

**Session Classification :** Student talks

Contribution ID : 16

Type : **not specified**

## **Equation of state of strongly interacting matter for hydrodynamical simulations of heavy-ion collisions**

*Tuesday, 21 June 2022 11:35 (15)*

**Presenter(s)** : VITIUK, Oleksandr

**Session Classification** : Student talks

Contribution ID : 17

Type : **not specified**

## Scalar glueball scattering

*Friday, 24 June 2022 12:05 (15)*

**Presenter(s) :** TROTTI, Enrico

**Session Classification :** Student talks

Contribution ID : 18

Type : **not specified**

## **General-purpose EoS with hadron-quark crossover for simulations of heavy-ion collisions and neutron stars**

*Friday, 24 June 2022 12:35 (15)*

**Presenter(s) :** LIEBING, Simon

**Session Classification :** Student talks



Contribution ID : **19**

Type : **not specified**

## **Strange and charm quark production in hot QCD**

*Friday, 24 June 2022 12:50 (15)*

**Presenter(s)** : MYKHAYLOVA, Valeriya

**Session Classification** : Student talks