

**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