

## Session Program

14-15 Dec 2024



# **XVII Polish Workshop on Relativistic Heavy-Ion Collisions: Phase diagram and Equation of State of strongly interacting matter**

## ***Session 2***

Warsaw University of Technology, Faculty of Physics  
Koszykowa 75 00-662 Warsaw, Poland

# Saturday 14 December

14:00

## Session 2: Saturday afternoon

**Session** | **Location:** Warsaw University of Technology, Faculty of Physics, Koszykowa 75 00-662 Warsaw, Poland | **Conveners:** Marek Gaździcki, Tomasz Matulewicz

14:05–14:30

### Diagram of high-energy nuclear collisions and two families of horns

**Speaker**

Prof. Marek Gaździcki

14:30–14:45

### Hadron resonance gas is bad model for hadronic matter in strong magnetic field

**Speaker**

Pasi Huovinen

14:45–15:10

### Isospin breaking in kaon multiplicities in heavy-ion collisions: status and consequences

**Speaker**

Prof. Francesco Giacosa

15:10–15:35

### Combinants and correlation functions in nuclear collisions: some intriguing properties of multiplicity distributions

**Speaker**

Prof. Maciej Rybczyński

15:35–15:50

### Production of $\phi(1020)$ meson in nucleus-nucleus collisions at the CERN SPS

**Speaker**

Łukasz Rozpłochowski

15:50–16:15

### Extension of the integrated HydroKinetic Model to BES RHIC and GSI-FAIR nuclear collision energies \

**Speaker**

Yuri Sinyukov

16:15–16:40

### Coffee break

16:40–17:05

### Modeling resonance spectra in heavy-ion collisions at HADES

**Speaker**

Szymon Harabasz

17:05–17:30

### Spin hydrodynamics in heavy-ion collisions - recent numerical applications

**Speaker**

Dr Radosław Ryblewski

17:30–17:45

### Entropy production and dissipation in spin hydrodynamics

**Speaker**

A. Daher

17:45-18:00

**Measurements of azimuthal anisotropy of charged particles in Pb+Pb collisions with the ATLAS detector**

**Speaker**

Petr Balek

18:00-18:01

**Info about dinner**

19:00