

## 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 1***

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

# Saturday 14 December

09:00

## Session 1: Saturday morning

**Session** | **Location:** Warsaw University of Technology, Faculty of Physics, Koszykowa 75 00-662 Warsaw, Poland | **Conveners:** Stanisław Mrówczyński, Hanna Zbroszczyk

09:00–09:25

### Chemical Freeze-out in the QCD Phase Diagram

#### Speaker

David Blaschke

09:25–09:40

### Quasiparticle second-order hydrodynamics at finite chemical potential

#### Speaker

Dr Leonardo Tinti

09:40–09:55

### Finite volume effects on the phase diagram via momentum space constraints

#### Speaker

Győző Kovács

09:55–10:10

### Probing hadron-quark phase transition in twin stars using f-modes

#### Speaker

Dr David Edwin Alvarez Castillo

10:10–10:35

### Towards accurate modeling of neutron star crust properties and what we can learn from them about the core

#### Speaker

Gabriel Wlazłowski

10:35–11:00

### Coffee break

11:00–11:25

### Light and heavy flavour thermalisation in high-energy collisions

#### Speaker

Prof. Krzysztof Redlich

11:25–11:40

### Fluctuations and correlations of baryonic chiral partners

#### Speaker

Michał Marczenko

11:40–11:55

### Search for the Critical Point in NA61/SHINE

#### Speaker

Valeria Zelina Reyna Ortiz

11:55–12:10

### Heavy Flavor Production in Hot QCD Matter

#### Speaker

Valeriya Mykhaylova

12:10-12:25

## Exploring the baryon correlation puzzle via angular correlations from ALICE

### Speaker

Malgorzata Anna Janik

12:25