

XVIII Polish Workshop on Relativistic Heavy-Ion Collisions: Strange and Heavy Flavour Physics

Sunday 14 December 2025

Session 5 - A-1-06 (09:00 - 11:10)

-Conveners: Francesco Giacosa

time	[id] title	presenter
09:00	[7] Spin hydrodynamics	FLORKOWSKI, Wojciech
09:25	[23] From novel Wigner function for spin-1/2 particles to causal and stable spin hydrodynamics	MYKHAYLOVA, Valeriya
09:40	[39] Spin description in relativistic hydrodynamics: classical vs. quantum	DROGOSZ, Zbigniew
09:55	[40] Boost-invariant perfect Fermi–Dirac spin hydrodynamics	ŁYGAN, Natalia
10:10	[5] Exact Wigner functions for chiral spirals	KAR, Sudip Kumar
10:25	[33] Neural network enhanced Bayesian global analysis of EKRT+viscous hydrodynamics model of relativistic heavy ion collisions	AUVINEN, Jussi
10:40	[21] Magnetic susceptibility of hot hadronic medium and quark degrees of freedom near the QCD cross-over point	SAMANTA, Rupam
10:55	[13] Baryon Dynamics as a Background to Electromagnetic Signatures in Directed Flow Observables at RHIC	PARIDA, Tribhuban