



# Zimanyi Winter School

## Thursday 8 December 2022

### Flash talks (14:00 - 15:09)

time	[id] title	presenter
14:00	[57] Event-by-event analysis of the two particle source in EPOS	KINCSES, Dániel
14:03	[58] Lévy-type HBT correlation measurements for identical kaons at PHENIX	NAGY, Marton
14:06	[59] Centrality dependent Levy HBT analysis at CMS	KORODI, Balazs
14:09	[60] Cumulants with global baryon conservation and short-range correlations	BAREJ, Michal
14:12	[61] Event-shape-dependent analysis of charm-anticharm correlations in simulations	Ms HORVÁTH, Anikó
14:15	[62] Event-activity dependence of charm and beauty baryon production at LHC energies	VARGA, Zoltan
14:18	[63] Analysis of $\pi^0$ in the large 2014 200 GeV Au+Au dataset from PHENIX	Ms ABDULAMEER, Nour
14:21	[64] Flow fluctuation and factorization breaking in heavy ion collision	SAMANTA, Rupam
14:24	[65] Jet energy loss in relativistic heavy-ion collisions with realistic medium modeling	BOBEK, Josef
14:27	[66] Hadron production from virtual leading partons	Dr URMOSY, Karoly
14:30	[67] The development of a Machine Learning-based hadronization model	BIRO, Gabor
14:33	[68] Measuring pseudorapidity distributions with STAR EPD detector	MOLNÁR, Mátyás
14:36	[69] Newtonian noise estimation for ET - the effect of rock rheology	Dr SZÜCS, Mátyás
14:39	[70] Probability density-based image reconstruction for proton Computed Tomography	SUDAR, Akos
14:42	[71] Contributions of gravitational-wave observations to heavy-ion physics	FENYVESI, Edit
14:45	[72] Thermodynamic modified gravity and dark matter	PSZOTA, Máté
14:48	[73] Superfluid thermodynamics	VÁN, Péter
14:51	[74] Exploring Quantum Entanglement in Relativistic Heavy Ion Collisions	ROMERO MARROQUIN, Eliana Paula
14:54	[75] Tensor glueball scattering relevance for Glueball Resonance Gas	TROTTI, Enrico
14:57	[76] Importance of the vacuum size in finite volume effects on the QCD phase diagram	KOVÁCS, Győző
15:00	[90] Isospin breaking in the Extended Linear Sigma model	Dr KOVÁCS, Péter
15:03	[77] Study of self-similar solution of self-gravitating non-relativistic fluids	SZIGETI, Balazs Endre
15:06	[78] Propagation properties of spin degrees of freedom within the framework of relativistic hydrodynamics with spin	Mr SINGH, Rajeev