

XXVII Cracow EIPHANY Conference on Future of particle physics

Sunday 10 January 2021

PhD student session (12:40 - 14:10)

-Conveners: Marcin Chrzaszcz

time	[id] title	presenter
12:40	[26] Detector simulation for a potential upgrade of the vertex detector of the Belle II experiment	FILINGER, Tristan
12:55	[27] Early charmless B decay results from Belle II	CHEN, Janice
13:10	[28] Early tau lifetime measurements with Belle II	MONETA, Stefano
13:25	[29] Search for Axion-like Particles at Belle II	DE NUCCIO, Michael
13:40	[30] Mixing and CP violation in charm mesons at LHCb	SHIELDS, Edward
13:55	[31] Measurement of the associated production of a Higgs boson decaying into b-quarks with a vector boson at high transverse momentum with the ATLAS detector	FOTI, Maria Giovanna

PhD student session (14:25 - 15:55)

-Conveners: Andrzej Konrad Siodmok

time	[id] title	presenter
14:25	[37] Comparison of Machine Learning Approach to other Commonly Used Unfolding Methods	BARON, Petr
14:40	[35] Evolution of spin polarization in the Gubser flow background	Mr SINGH, Rajeev
14:55	[40] A method for the measurement of J/psi cross section in hadronic matter using femtoscopy.	BAHMANI, Marzieh
15:10	[36] Terrestrial keV Sterile Neutrino Dark Matter Searches: Alive and Kicking	Ms BENSO, Cristina
15:25	[41] Angular observables in the $B_0 \rightarrow K^0 \mu^+ \mu^-$ decay at LHCb.	BORSUK, Jozef Tomasz
15:40	[42] Spectroscopy in beauty decays at the LHCb experiment	OVSIIANNIKOVA, Tatiana

PhD student session (16:10 - 17:40)

-Conveners: Sebastian Sapeta

time	[id] title	presenter
16:10	[33] Searches for χ' and χ'' in leptonic final states using 139 $\sqrt{s} = 13$ TeV collision data collected at $\sqrt{s} = 13$ TeV with the ATLAS detector	O'KEEFE, Michael William
16:25	[32] Measurement of the Higgs Simplified Template Cross Sections using $H \rightarrow \gamma\gamma$ decays with the ATLAS experiment	FRANCO, Luca
16:40	[38] Sector Decomposition Scheme for N^3 LO Beam Function.	GODA, Tomoki
16:55	[39] Analytic representation of all planar two-loop five-point Master Integrals with one off-shell leg	SYRRAKOS, Nikolaos

17:10	[44] Simplified Differential Equations for Master Integrals @ N3LO	CANKO, Dhimiter
17:25	[34] Exclusive dilepton production in ultraperipheral lead-lead collisions in the ATLAS experiment	OGRODNIK, Agnieszka Ewa