

LHC Days in Belarus 2017 Workshop

Tuesday, 17 January 2017

General session: Belarus and CERN cooperation (10:00 - 13:00)

time	[id] title	presenter
10:00	[2] Welcome remarks	
10:05	[4] Cracking the Cosmic Code	Prof. SCHAEFER, Christoph
10:45	[3] Cooperation CERN-JINR-Belarus: Achievements and Prospects	KURTYKA, Tadeusz
11:15	[6] ATLAS detector at LHC and upgrade program	KOULTCHITSKI, Yuri
11:45	Break	
12:00	[9] JINR Participation in the CMS Experiment	SHULHA, Siarhei
12:30	[26] The phenomena of spin rotation and depolarization of high-energy particles in bent and straight crystals at LHC and FCC energies and the possibility to measure the anomalous magnetic moments of short-lived particles (charm and beauty baryons)	BARYSHEVSKY, Vladimir

General session: Experiments at CERN (14:00 - 16:30)

time	[id] title	presenter
14:00	[7] Two-particles Bose-Einstein correlations and soft-QCD results with ATLAS at LHC	KOULTCHITSKI, Yuri
14:30	[12] New QCD and QED effects search in experiments	KUVSHINOV, Viacheslav
15:00	[10] High precision determination of the Z-Z' mixing in gauge boson pair production at the CERN LHC	PANKOV, Alexander
15:30	[8] CMS experiment physics results	SUAREZ GONZALEZ, Juan
16:00	Break	

General session: Belarus and CERN cooperation (16:30 - 18:30)

time	[id] title	presenter
16:30	[21] Long history and promising future of crystal application at the LHC	TIKHOMIROV, Victor
17:00	[5] The history of INP BSU activity in CMS experiment	SUAREZ GONZALEZ, Juan
17:30	[14] INP BSU activities in ATLAS experiment	HRYNEVICH, Aliaksei

Wednesday, 18 January 2017

General session: Belarus activity in current and future CERN experiments (11:00 - 13:10)

time	[id] title	presenter
11:00	[13] Contribution of belarusian scientists to investigations at LHC (in russian)	KUROCHKIN, Yurii
11:30	[22] Development of the model of hadrons as Coherent states on the horosphere of the Lobachevsky momentum space	KUROCHKIN, Yurii
12:00	[24] Anti-neutrino detector for Belarus NPP	GILEWSKY, Valentin
12:20	[25] Feasibility study for improving TileCal granularity	AFANACIEV, Konstantin
12:40	[17] Pile-up Noise Study in Tile Calorimeter of the ATLAS detector	PETUKHOVA, Krystsina

General session: Belarus activity in current and future CERN experiments (14:00 - 16:00)

time	[id] title	presenter
14:00	[15] Monte Carlo Simulation of the Lepton Pairs produced at LHC	DYDYSHKA, Yahor
14:20	[16] Status of the INP BSU grid site	YERMOLCHYK, Vitaly
14:40	[20] Monte Carlo generator activity in INP BSU for future linear colider	MAKARENKO, Vladimir
15:00	[19] Studies of Drell-Yan dimuon channel in the CMS Experiment	YEVAROUSKAYA, Uladzislava
15:15	[18] CMS Central Shifts Organization	MOSSOLOV, Vladimir