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# The 5th international conference on particle physics and astrophysics

## Tuesday 06 October 2020

### High Energy Physics: 1 - HEP (11:00-13:00)

-Conveners: Evgeny Soldatov

time	[id] title	presenter
11:00	[632] Recent results on top-quark physics at CMS	TOSI, Silvano
11:20	[650] Recent highlights of top-quark physics with the ATLAS detector	DIEZ PARDOS, Carmen
11:40	[618] Measurement of the ttH, H → bb decay with RunII data and prospects for RunIII	KORAKA, Charis Kleio
11:55	[648] Measurement of Higgs boson properties using the ATLAS detector	ARCANGELETTI, Chiara
12:15	[923] Search for rare decays of the observed Higgs boson and additional Higgs bosons with the ATLAS detector	KANO, Yuya
12:35	[619] Prospects of non-resonant Higgs pair production at the HL-LHC and HE-LHC	Mr. ADHIKARY, Amit

### High Energy Physics: 2 - HEP (17:05-19:20)

-Conveners: Sergei Smirnov

time	[id] title	presenter
17:05	[910] Scientific Data Lake for High Luminosity LHC project and other data-intensive particle and astro-particle physics experiments	KIRYANOV, Andrey
17:20	[651] Physics prospects for ATLAS at the HL-LHC	NIELSEN, Jason
17:45	[613] Electron and photon performance in CMS in Run2 and prospects for Run3	MUKHERJEE, Swagata
18:05	[738] The Belle II Experiment: Status and Prospects	PERUZZI, Ida Marena
18:25	[594] Exploring the lifetime and cosmic frontier with the proposed MATHUSLA detector	ALPIGIANI, Cristiano
18:45	[841] Measurement of single-spin asymmetry for charged pions in the SPASCHARM experiment at U70 accelerator.	MOISEEV, V.V.

## Wednesday 07 October 2020

### High Energy Physics: 3 - HEP (10:45-13:15)

-Conveners: **Sergey Polikarpov**

time	[id] title	presenter
10:45	[645] ATLAS measurements of production, decays and spectroscopy of heavy flavour hadrons	NOVOTNÝ, Radek
11:05	[615] Studies of excited states of beauty hadrons at CMS	IVANOV, Kirill
11:25	[700] Studies of $\Xi_c$ baryons at LHCb	CHUBYKIN, Aleksei
11:40	[739] Measurement of $\gamma(\phi_3)$ at Belle II	PERUZZI, Ida Marena
11:55	[929] First determination of X(3872) absolute Branching fractions and partial widths	WORMSER, Guy
12:10	[631] Recent CMS results on exotic hadron states	LILIENBERG, Ivan
12:30	[749] Impact of weak annihilation contribution on rare semileptonic $B^+ \rightarrow \pi^+ \ell^+ \ell'^- \ell^-$ decay	Ms. PARNOVA, Irina
12:45	[807] Spin-parity assignments of excited $\Omega_b^-$ -baryons in the Quark-Diquark Model	PARKHOMENKO, Alexander
13:00	[715] Partial-wave analysis of $J/\psi \rightarrow K^+ K^- \pi^0$	DENISENKO, Igor

### High Energy Physics: 4 - HEP (17:55-20:15)

-Conveners: **Andrey Kamenshchikov**

time	[id] title	presenter
17:55	[646] Dark Matter searches with the ATLAS Detector	ILIC, Nikolina
18:15	[649] Searches for New Long-lived Particles with the ATLAS detector	HORYN, Lesya
18:35	[647] High-mass resonances decaying to heavy particles with ATLAS	ELLAJOSYULA, Venugopal
18:55	[628] Search for new resonances coupling to third generation quarks at CMS	PICCINELLI, Andrea
19:15	[921] Searches for new phenomena in final states involving leptons and jets using the ATLAS detector	GORISEK, Andrej
19:35	[924] Rare and exotic decays Z/H decays in ATLAS	DAI, Tiesheng
19:55	[928] Recent Results of Dark Sector Searches with the BaBar Experiment	ECHENARD, Bertrand