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The 5th international conference on particle physics and astrophysics

Tuesday 06 October 2020

HEP theory: 1 - HEP Theory (11:00-13:00)

-Conveners: Alexander Andrianov

time	[id] title	presenter
11:00	[902] Vector mesons spectrum in a medium with a chiral imbalance induced by the vacuum of fermions	KOVALENKO, Vladimir
11:15	[794] Equivalent photons approximation: survival factor	Dr. ZHEMCHUGOV, Evgenii
11:30	[832] The strongly intensive observable in pp collisions at LHC energies in the string fusion model	Prof. VECHERNIN, Vladimir
11:45	[720] Strange Quark Matter with β -equilibrium condition	KUMARI, MANISHA
12:00	[782] Spin-spin correlations between quark and a spin- $\frac{1}{2}$ composite system	DAHIYA, Harleen
12:15	[810] Analytic reconstruction of pp elastic scattering amplitudes from the complete sets of experiments at the SPASCHARM facility at U70.	M.B. NURUSHEVA

HEP theory: 2 - HEP Theory (17:05-19:20)

-Conveners: Victor Novikov

time	[id] title	presenter
17:05	[693] The Nambu Sum Rule in the Composite Two Higgs Doublet Model	Mr. KHALIFA, Mahmoud
17:20	[820] On perturbative unitarity in an extended MSSM Higgs sector	FEDOTOVA, Elena
17:35	[763] Determination of the proton charge radius from the study of the hydrogen S-energy levels	MARTYNENKO, Fedor
17:50	[590] The lack of vacuum polarization in quantum electrodynamics with spinors in fermion equations	NEZNAMOV, Vasily
18:05	[859] Energy levels in three-particle muonic ions ($\mu e Li$), ($\mu e Be$), ($\mu e B$)	ESKIN, Alexey
18:20	[871] Energy interval (1S-2S) in muonic ions of lithium, beryllium and boron	MARTYNENKO, Alexei
18:35	[878] Hyperfine structure of excited states of hydrogen mesomolecules	SOROKIN, Viacheslav

Wednesday 07 October 2020

HEP theory: 3 - HEP Theory (11:00-13:15)

-Conveners: **Sergey Godunov**

time	[id] title	presenter
11:00	[766] Light-Cone Distribution Amplitudes of Doubly-Heavy Baryons	SHUKHTINA, Alisa
11:15	[843] D wave Bc production at LHC	BEREZHNOI, Aleksandr
11:30	[852] QCD corrections for double charmonia production in e^+e^- annihilation	BELOV, Ilia
11:45	[877] Charmonia Production in $W \rightarrow c c D_s$ Decays	Dr. LUCHINSKY, Alexey
12:00	[695] On mass limits for scalar color octet from the LHC data on tttt and tbtb production.	Dr. MARTYNOV, Mikhail
12:15	[857] Finding new physics, phenomenological, experimental and astrophysical predictions	Dr. DAS, Chitta Ranjan
12:30	[673] Production of dijets with large rapidity separation at colliders	EGOROV, Anatolii