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The 5th international conference on particle physics and astrophysics

Monday 05 October 2020

Plenary: 1 - Plenary (11:40-14:35)

-Conveners: A.N. Vasiliev

time	[id] title	presenter
11:40	[949] Present status of inflation, the simplest models and expected discoveries	STAROBINSKY, Alexei
12:15	[947] Standard Model measurements by ATLAS and CMS	RUIZ MARTINEZ, Arantxa
12:50	[945] Exotic searches by ATLAS and CMS	KAUR, Amandeep
13:25	[948] Experimental results on the EFT interpretations of SM and Higgs boson measurements	CUETO, Ana
14:00	[954] Recent experimental results in B physics	PAKHLOV, Pavel

Plenary: 2 - Plenary (15:30-17:15)

-Conveners: Alexander Bolozdynya

time	[id] title	presenter
15:30	[636] Review of two-phase emission detectors R&D (dedicated to the memory of Prof. B.A. Dolgoshein)	Dr. BOLOZDYNIA, Alexander
16:05	[953] Precision QCD with the Electron Ion Collider	Dr. MURRAY, Michael J.
16:40	[946] 25th anniversary of the discovery of the top quark	GRANNIS, Paul

Tuesday 06 October 2020

Plenary: 3 - Plenary (13:15-14:15)

-Conveners: Roman Nevezorov

time	[id] title	presenter
13:15	[858] Primordial Black Holes Around Us Now, Long Before, and Far away	Prof. DOLGOV, Alexander
13:45	[950] Axions-2020	Prof. TROITSKY, Sergey

Plenary: 4 - Plenary (15:15-16:50)

-Conveners: Victor Berezin

time	[id] title	presenter
15:15	[951] Cosmology and modified gravity	Prof. AMENDOLA, Luca
15:45	[952] Multimessenger cosmology of new physics	Prof. KHLOPOV, Maxim
16:15	[799] Neutron Stars Structure in the Era of Multi-Messenger Astronomy	FATTOYEV, Farrukh

Wednesday 07 October 2020

Plenary: 5 - Plenary (13:30-14:30)

-Conveners: Vasilii Mochalov

time	[id] title	presenter
13:30	[942] Studies at SKIF synchrotron source	BOGOMYAGKOV, Anton
14:00	[943] The European Spallation Source, Building the future for Neutron Scattering in Europe	Dr. KENNEDY, Shane

Plenary: 6 - Plenary (15:30-17:40)

-Conveners: Grigory Nigmatkulov

time	[id] title	presenter
15:30	[944] Four decades of experiments with relativistic heavy ions: past, present, and future	Prof. BRAUN-MUNZINGER, Peter
16:05	[956] Expectations for hyperon polarization as a probe of fluid behavior in extreme cases	Prof. LISA, Michael Annan
16:35	[955] Physics of heavy-ion collisions at the highest energy frontier	VAN LEEUWEN, Marco
17:10	[957] The QCD phase structure at high baryon densities	STEINHEIMER, Jan

Thursday 08 October 2020

Plenary: 7 - Plenary (13:15-14:15)

-Conveners: Yury Kudenko

time	[id] title	presenter
13:15	[935] Neutrino oscillations in long baseline experiments	NAKAYA, Tsuyoshi
13:45	[932] Status of Light Sterile Neutrinos	GIUNTI, Carlo

Plenary: 8 - Plenary (15:15-17:15)

-Conveners: Yury Kudenko

time	[id] title	presenter
15:15	[842] First detection of solar neutrinos from the CNO cycle with Borexino	RANUCCI, Gioacchino
15:45	[934] LEGEND: The Future of Neutrinoless Double-Beta Decay Searches with 76-Ge-enriched Germanium Detectors	EDZARDS, Frank
16:15	[688] Neutrino masses and nature from the point of view of economy and simplicity".	Prof. BILENKY, Samoil
16:45	[637] What we can learn from CEvNS? (CEvNS ■ Coherent Elastic Neutrino Nucleus Scattering)	EFREMENKO, Yuri

Friday 09 October 2020

Plenary: 9 - Plenary (13:30-14:30)

-Conveners: Dmitry Akimov

time	[id] title	presenter
13:30	[939] Hyper-Kamiokande	YOKOYAMA, Masashi
14:00	[682] New mK-temperature Germanium detectors for Dark Matter direct search and for precision measurements of CEvNS	YAKUSHEV, Evgeny

Plenary: 10 - Plenary (15:30-16:30)

-Conveners: Dmitry Akimov

time	[id] title	presenter
15:30	[783] High-energy neutrino astronomy and the Baikal-GVD neutrino telescope	ZABOROV, Dmitry
16:00	[603] Radiowave detection of neutrinos	Mr. BESSON, dave