

Moscow International School of Physics

Thursday 21 February 2019

Young Scientist Forum (17:30-18:30)

time	title	presenter
17:30	Precision WZ cross sections and polarisation at 13 TeV	TODT, Stefanie
17:42	Production of double charmed baryons with excited diquark at LHC	BELOV, Ilia
17:54	Analytic example of the Aretakis type behaviour of the metric	ANEMPODISTOV, Prokopy
18:06	Study of B^0_s spectroscopy in the CMS experiment	POLIKARPOV, Sergey
18:18	Quantum corrections for Dirac field in external coordinate-dependent scalar field in Yukawa-like coupling	Ms LANINA, Elena Mr GUBAREV, Kirill

Monday 25 February 2019

Young Scientist Forum (17:30-18:30)

time	title	presenter
17:30	Statistical data analysis in the DANSS experiment	SKROBOVA, Nataliya
17:42	Secularly growing loop corrections in the Yukawa model	Mr TRUNIN, Dmitrii
17:54	Phase diagram and dualities of dense baryonic matter with chiral imbalance	ZHOKHOV, Roman
18:06	On Machine Learning application in B physics spectroscopy	Mr FILATOV, Oleg
18:18	Event reconstruction in large liquid scintillator detectors with machine learning techniques	Dr MALYSHKIN, Yury

Young Scientist Forum (20:00-21:00)

time	title	presenter
20:00	Search for new physics in the $B \rightarrow \ell \ell \ell$ processes at Belle II	MORA, Alejandro
20:12	Particle identification methods for the CALICE highly granular SiPM-on tile calorimeter.	BOCHARNIKOV, Vladimir
20:24	On inhomogeneous states in $CP(N-1)$ and $O(N)$ sigma models	PIKALOV, Arsenii
20:36	Ionization and light yield measurements using two-phase argon detector	Mr OLEYNIKOV, Vladislav
20:48	Veto signal consideration for the muon induced single neutron background in the DANSS experiment	ANNA, Ershova

Tuesday 26 February 2019

Young Scientist Forum (17:30-18:30)

time	title	presenter
17:30	Application of an automated observable selection algorithm for associated Zgamma production components separation at hadron colliders.	PETUKHOV, Aleksandr
17:42	Parameters of log-normal spectrum of PBH	Mr POREY, Shiladitya
17:54	Rotation-Invariant Observables as Density Matrix Invariants	GAVRILOVA, Margarita
18:06	Study of neutrons from antineutrino interactions in ND280 of T2K	SHAYKINA, Anastasia

Young Scientist Forum (20:00-21:00)

time	title	presenter
20:00	Z(nunu)gamma measurement and neutral aTGC limits at 13 TeV	DARTSI, Olympia
20:12	Investigation of possibility to suppress FSR in specific dark matter models explaining cosmic positron data	KAMALETDINOV, Airat
20:24	Inflationary limits on the size of compact extra space	NIKULIN, Valery
20:36	The master equation for the reinforcement learning	VARDANYAN, Edgar
20:48	Imaginary parts of Gaussian effective actions in various patches of de Sitter space	DMITRII, Diakonov BAZAROV, Kirill