



# Moscow International School of Physics 2020

## Thursday 05 March 2020

### Poster Session (20:00-22:00)

[id] title	presenter	board
[48] Development of a method for reweighting distributions to search for new physics using effective field theory	SEMUSHIN, Artur	15
[4] Using of neural network technology for improvement of energy resolution of highly granular hadron calorimeter	KORPACHEV, Sergey	10
[7] On quantization in background scalar fields	TRUNIN, Dmitrii	18
[18] Neutron from cosmic muons background simulation in DANSS experiment	Mrs ERSHOVA, Anna	4
[45] DsTau (NA65): Study of tau neutrino production at the CERN-SPS	Ms SITNIKOVA, Elizaveta	17
[46] Geant4 simulation as part of luminometer development for CMS at HL-LHC	SELIVANOVA, Daria	14
[28] Radiative recoil corrections to the hyperfine splitting of light muonic atoms	MARTYNENKO, Fedor	11
[39] Calibration of SiPM-based Neutron Monitors for CMS Experiment	BYCHKOVA, Oksana	6
[37] Superfield realization of hidden R-symmetry in extended supersymmetric gauge theories and its applications	IVANOVSKIY, Viacheslav	8
[41] Quantum decoherence during inflation	SHTENNIKOVA, Arina	16
[29] Electromagnetic Stress-Energy tensor in a dispersive medium	Mr HEREDIA PIMIENTA, Carlos	1
[60] Loop corrections in Schwarzschild black hole background	ANEMPODISTOV, Prokopy	3
[55] Stimulated Recovery of the Radiation Damage in Lead Tungstate Crystals	ORSICH, Pavel	2
[59] Notes on quantum fields in Static patch of de Sitter space	BAZAROV, Kirill	5
[54] Generalized unimodular gravity: cosmological applications and renormalizeability	KOLGANOV, Nikita	9
[2] A new QFT description of finite duration processes	EGOROV, Vadim	7
[40] The status of the large-scale coordinate-tracking detector TREK	VOROBYEV, Vladislav	13