

QUARKS-2024

Friday 24 May 2024

Physics Beyond the Standard Model (10:00-12:05)

-Conveners: Sergei Demidov

time	[id] title	presenter
10:00	[155] On a cutoff regularization in the coordinate representation	A. IVANOV, N. KHARUK
10:25	[140] Massive particle production in the field of massless plane wave	DMITRIEVA, Ekaterina
10:50	[142] Field perturbations caused by impulsive shockwaves	DAVYDOV, Evgeny
11:15	[143] Probing ALPs, dark photons and nonlinear electrodynamics with radiofrequency cavities	SATUNIN, Petr
11:40	[141] Light-shining-through-thin-wall radio frequency cavities for probing dark photon	SALNIKOV, Dmitry

Physics Beyond the Standard Model (12:35-14:05)

-Conveners: Maxim Fitkevich

time	[id] title	presenter
12:35	[137] Probing Light Dark Matter With NA64.	KIRPICHNIKOV, Dmitry
13:05	[158] Lorentz invariance violation and muon anomaly in air showers	SHAROFEEV, Andrey
13:35	[139] New physics from the atmosphere: light sgoldstino case.	DEMIDOV, Sergei

Physics Beyond the Standard Model (16:00-17:15)

-Conveners: Alexander Pukhov

time	[id] title	presenter
16:00	[144] Algebraic geometry methods in calculation of Feynman integrals	BYTEV, Vladimir
16:25	[145] Поиск частиц Темного сектора на молекулах	ЗАХАРОВА, Анна
16:50	[146] Application of neural networks for calculating path integrals in quantum field theory	CHISTYAKOV, Vsevolod