

QUARKS-2024

Thursday 23 May 2024

Cosmology and Gravity (16:00-16:50)

-Conveners: Yakov Shnir

time	[id] title	presenter
16:00	[132] Non-topological solitons in effective theory of vector fields.	NUGAEV, Emin
16:25	[133] Electromagnetic Hedgehogs	GALUSHKINA, Yulia

Friday 24 May 2024

Cosmology and Gravity (10:00-12:05)

-Conveners: **Mikhail Kuznetsov**

time	[id] title	presenter
10:00	[51] Emission of gravitational waves by cosmic domain walls	DANKOVSKY, Ivan
10:25	[52] Simulation of gravitational wave emission after inflation	SUZDALOV, Gleb
10:50	[53] Leptogenesis via absorption by primordial black holes	POZDNYAKOV, Nikolay
11:15	[166] Weyl meson in the Weyl-Dirac theory as an extension of the Standard Model	SEDOV, Sergey
11:40	[153] Cosmological constraints from eFEDS data	DIACHENKO, Artem

Cosmology and Gravity (12:35-14:05)

-Conveners: **Elena Arbuzova**

time	[id] title	presenter
12:35	[48] Primordial black holes, seeding of structures, dark matter, and antimatter	DOLGOV, Alexander
13:05	[49] A new strategy for searching for gravitational lens pairs formed by a cosmic string: theory and observations	SAZHINA, Olga
13:35	[50] Анализ моделей темной материи с помощью программы micrOMEGAs	PUKHOV, Alexander

Cosmology and Gravity (16:00-17:15)

-Conveners: **Alexandr Panin**

time	[id] title	presenter
16:00	[55] Superheavy dark matter particles and ultra high energy cosmic rays	ARBUZOVA, Elena
16:25	[56] Estimation of phase space density in dwarf galaxies.	KORESHKOVA, Ekaterina
16:50	[163] Stability of cosmological solutions in Horndeski theory with respect to background anisotropy	SHTENNIKOVA, Arina