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IV international conference on particle physics and astrophysics

Tuesday 23 October 2018

Gravitation and Cosmology: 1 - Moskvorechye 1 hall (16:45-18:50)

-Conveners: Sergey Rubin

time	[id] title	presenter
16:45	[450] Compactification scenario in Einstein-Gauss-Bonnet cosmology	Dr. TOPORENSKY, Alexey
17:05	[427] Late-time power-law stages of cosmological evolution in teleparallel gravity with nonminimal coupling	SKUGOREVA, Maria
17:25	[494] On the meaning of the wave function of the Universe	Dr. SHESTAKOVA, Tatyana
17:45	[479] Chiral Cosmological Models and $f(R)$ gravity with higher derivatives	Prof. CHERVON, Sergey
18:05	[492] Cosmological perturbations during the kinetic inflationary epoch in the Horndeski theory	SUSHKOV, Sergey
18:30	[416] Cosmological attractors and inflationary scenarios with many scalar fields	VERNOV, Sergey

Wednesday 24 October 2018

Gravitation and Cosmology: 2 - Moskvorechye 1 hall (09:10-11:00)

-Conveners: **Sergey Chervon**

time	[id] title	presenter
09:10	[433] Graviton-to -photon conversion effect in magnetized relativistic plasma	SIMKIN, Ivan Prof. POSTNOV, Konstantin
09:30	[291] Magnetic field contribution to black-hole-hedgehog's solution in GraviWeak unification	Dr. DAS, Chitta Ranjan
09:50	[417] De Sitter and Power-law Solutions in Non-local Gauss-Bonnet Gravity	POZDEEVA, Ekaterina
10:10	[429] Nonstationary self-gravitating configurations of scalar and electromagnetic fields	Dr. TCHEMARINA, Julia
10:30	[447] Bound orbits near black holes with scalar hair	TSIRULEV, Alexander

Gravitation and Cosmology: 3 - Petrovskiy-1 hall (16:15-18:15)

-Conveners: **Sergey Sushkov**

time	[id] title	presenter
16:15	[469] Cylindrical wormholes without exotic matter in GR	Prof. BRONNIKOV, Kirill
16:35	[474] Spherically symmetric double layers and thin shells in Weyl-Einstein gravity. Theory and examples.	Prof. BEREZIN, Victor
16:55	[334] Vacuum polarization of a quantized scalar field in the thermal state in a long throat	Dr. POPOV, Arkadiy
17:15	[441] Discreteness of Dyonic Dilaton Black Holes	DAVYDOV, Evgeny
17:35	[497] On the stability of extra dimensions in nonlinear multidimensional gravity with multiple factor spaces	Dr. BOLOKHOV, Sergei
17:55	[547] Cosmological limit on the size of extra dimensions	Prof. RUBIN, Sergey

Thursday 25 October 2018

Gravitation and Cosmology: 4 - Moskvorechye 1 hall (16:30-18:30)

-Conveners: Sergei Bolokhov

time	[id] title	presenter
16:30	[256] Supergravity with broken Lorentz invariance: theory and phenomenological consequences	Mr. MARAKULIN, Arthur
16:50	[264] Topological pseudo-defects of a supersymmetric SO(10) model and cosmology	GARG, Ila
17:10	[378] On generalized Melvin solutions for Lie algebras of rank 3	Dr. IVASHCHUK, Vladimir
17:30	[399] Quantum-induced trans-Planckian energy near horizon	NURMAGAMBETOV, Alexei
17:50	[375] On stable exponential cosmological solutions with two factor spaces in the Einstein-Gauss-Bonnet model with a Λ -term	Mr. KOBTSEV, Aleksandr
18:10	[467] Study of viscous-convection instabilities of thin laminar accretion flows	Dr. MALANCHEV, Konstantin