

VII International Conference “Models in Quantum Field Theory” (MQFT-2022)

Tuesday, 11 October 2022

Section D: Section talks - Room 1 (14:30 - 16:15)

time	[id] title	presenter
14:30	[139] Non-abelian Fermionic T-duality in Supergavity	ASTRAKHANTSEV, Lev
14:55	[146] Electrodynamics against the background of Null Cosmic Strings	PIROZHENKO, Irina
15:20	[71] The possibility of constructing stable solutions in Horndeski theory avoiding the no-go theorem	SHTENNIKOVA, Arina
15:45	[91] How to construct a symmetric surface?	SHEYKIN, Anton

Section D: Section talks - Room 1 (16:45 - 18:30)

time	[id] title	presenter
16:45	[27] Generalized Vaidya horizons and conformal symmetries	KUDRYAVCEV, Dmitriy
17:10	[40] Tsallis holographic dark energy model with event horizon cutoff in modified gravity with $f(R)=R+\lambda R^2-\sigma\mu/R$.	TEPLIAKOV, Alexander
17:35	[26] Penrose effect for charged particles in charged Vaidya spacetime	VERTOGRADOV, Vitalii
18:00	[17] Loop corrections to cosmological particle creation	ANEMPODISTOV, Prokopii

Thursday, 13 October 2022

Section D: Section talks - Room 1 (14:30 - 16:15)

time	[id] title	presenter
14:30	[65] Cosmological particle creation: Weyl geometry + Scalar field	BEREZIN, Victor
14:55	[92] Modified geodesic deviation equation in the Kerr metric	RASULOVA, Anna
15:20	[33] Thermodynamics and Phase Transition of the Schwarzschild Black Hole in Anti-de Sitter-Beltrami spacetime.	ANGSACHON, Tosaporn
15:45	[56] Anti-de Sitter-Beltrami spacetime in nonrelativistic limit	MANIDA, Sergei

Section D: Section talks - Room 1 (16:45 - 18:30)

time	[id] title	presenter
16:45	[108] Debye mass of photon and graviton in de Sitter space.	SADEKOV, Damir
17:10	[30] Zero and negative energy in Kerr spacetime	SHLEIGER, Leonid
17:35	[31] Why does expectation value of stress energy tensor blow up near the event horizons?	BAZAROV, Kirill

Friday, 14 October 2022

Section D: Section talks - Main Hall (15:20 - 16:15)

time	[id] title	presenter
15:20	[61] Phenomenological description of particle production: Riemannian geometry + scalar field	IVANOVA, Inna
15:45	[153] Effective quantum gravity, cosmological constant and the Standard Model of particle physics	SHAPIRO, Ilya

Section D (16:45 - 17:35)

time	[id] title	presenter
16:45	[154] Free energy and entropy in Rindler and de Sitter space-times	DIAKONOV, Dmitrii