

The Fifth Zeldovich Meeting

Thursday, June 15, 2023

Thursday afternoon session (3:00 PM - 6:00 PM)

-Conveners: Jutta Kunz

time	[id] title	presenter
3:00 PM	[19] Vacuum polarization around cosmic strings in anti-de Sitter spacetime	Prof. SAHARIAN, Aram
3:15 PM	[20] Exploring second-order gravitational effects and the possibility for dark matter detection with the next generation of space-borne atomic standards of frequency and time	Dr LITVINOV, Dmitry
3:30 PM	[25] Gravity assist as a test of relativistic gravity	Dr BOLOKHOV, Sergei
3:45 PM	[28] Wormholes in a Friedmann universe	BRONNIKOV, Kirill
4:00 PM	[27] Quantum-gravitational corrections to the power spectrum for a closed universe	Ms VARDANYAN, Tatevik
4:15 PM	[30] Electromagnetic field of a charged particle, asymptotically approaching Schwarzschild black hole	KOMAROV, Stanislav
4:30 PM	Coffee break	
4:45 PM	[29] Physics of quadrupolar compact astrophysical objects	FARAJI, Shokoufe
5:00 PM	[45] Exploring massive neutron stars towards mass gap: Constraining the high-density nuclear equation of state	ZURAIQ, Zenia
5:15 PM	[29] General radially moving references frames in the black hole background	TOPORENSKY, Alexey
5:30 PM	[22] On quasinormal modes in 4D black hole solutions in the model with anisotropic fluid	IVASHCHUK, Vladimir
5:45 PM	[29] Symmetric periodic trajectories of charged particles in Gutsunaev--Manko spacetime	TEGAI, Sergey