

XXXV International Workshop on High Energy Physics "From Quarks to Galaxies: Elucidating Dark Sides"

Tuesday 28 November 2023

Morning session 28/11/2023: Chairpersons: Oleg Zenin (NRC KI - Logunov IHEP, Protvino) (8:50-14:00)

time	[id] title	presenter
8:50	[17] • Opening address	
9:00	[15] Towards observation of dark matter	Dr SILCHENKO, Olga
9:45	[16] Possible manifestations of compact stable dark matter objects in the solar system	Dr POKROVSKY, Yury
10:20	[18] Results of the Neutrino-4 experiment, sterile neutrinos, dark matter and the Standard Model	Prof. SEREBROV, Anatolii
10:55	[19] On a possible explanation of dark matter by means of a gluonic Bose-Einstein condensate in an anti-de Sitter geometry	Prof. COHEN-TANNOUJJI, Gilles
11:30	Coffee break & discussion	
12:00	[20] Mutual dependence of a bosonic black hole with dark matter and explanation of asymptotically flat galaxy rotation curves.	Dr MEIEROVICH, Boris
12:35	[21] A class of rotating metrics in the presence of a scalar field	Prof. MIRZA , Behrouz
13:10	[22] General discussion - 1	