

28th Young Scientists' Conference on Astronomy and Space Physics

Friday 28 October 2022

High energy astronomy and astronomical physics (12:15 - 15:05)

-Conveners: Pavlo Plotko

time	[id] title	presenter
12:15	[58] Supernova remnants are sources of Galactic cosmic rays, or are they?	Prof. SUSHCH, Iurii
13:00	[59] The curvature emission model of unusual neutron star candidate 1RXS J141256.0+792204 (Calvera)	Ms KEVLISHVILI, Natia
13:15	[60] X-ray intraday variability of the TeV blazar Mrk 421 with XMM-Newton	Ms NOEL, Angel Priyana
13:30	[61] Neutrinos oscillation : a qualitative analysis	Ms CORREA ANGEL, Silvia Lucia
13:45	[62] Rotochemical heating in hybrid stars	Mr PANASIUK, Pavlo
14:00	Coffee break	
14:15	[63] Impact of asymmetric bosonic dark matter on neutron star properties	Mr GIANGRANDI, Edoardo
14:30	[64] Dark matter profiles of SPARC galaxies	Dr RUDAKOVSKIYI, Anton
14:45	[65] Indication of a Local Source of Ultra-High-Energy Cosmic Rays in the Northern Hemisphere	Mr PLOTKO, Pavlo
15:00	[66] Model for nuclear radio emission in super-Eddington AGNs	Mr SOTOMAYOR, Pablo