

XIII Conference of Young Scientists "Problems of Theoretical Physics"

Wednesday 21 December 2022

Afternoon session: Afternoon session (14:15-17:50)

time	[id] title	presenter
14:15	[12] Davydov's Solitons and their Role in Biological Processes	Dr BRIZHIK, Larisa
15:00	[6] Quantum impurity simulator operating in the fractional quantum Hall regime	PARAFILO, Anton
15:20	[7] Convective thermomagnetic effect in normal and superfluid systems	Dr KONSTANTYNOV, Oleksandr
15:40	Break	
16:00	[5] Anomalous electromagnetic field reflection and transmission in Weyl and Dirac semimetals	Dr SUKHACHOV, Pavlo
16:20	[8] Multiscale hybrid model of liquids: modified equations of motion	Ms BAKUMENKO, Maryna
16:40	[15] Collective water vibrations in a DNA hydration shell	BUBON, Tetiana
17:00	[4] Pulsed Electrical Field Impact on Cyanide Biodegradation by <i>Pseudomonas fluorescens</i>	YAKOVLIEV, Vladyslav
17:20	[19] Phase transitions in a system of self-interacting particle-antiparticle	ZHURAVEL, Denys
17:40	Closing of the conference	