



# Bogolyubov Kyiv Conference "Problems of Theoretical and Mathematical Physics"

## Tuesday 24 September 2024

### Morning session 1 - 322 (10:00-13:30)

time	[id] title	presenter
10:00	[123] Conference opening	ZAGORODNY, Anatoly
10:20	[9] Critical point in system of interacting bosons	GORENSTEIN, Mark
11:00	[25] Reading Ernst Ising's dissertation hundred years on	HOLOVATCH, Yuriy
11:40	[121] Properties of multi-qubit states representing directed graphs and their studies with quantum programming	Dr GNATENKO, Khrystyna
12:00	Coffee break	
12:30	[20] To 190 years of the Wave of Translation and 50 years of the Davydov's soliton: Soliton dynamics in an oscillating magnetic field.	BRIZHIK, Larissa
12:50	[13] Cubic-quintic interplay in the nonlinear Klein–Gordon model	GANDZHA, Ivan
13:10	[102] Entanglement of the diamond spin cluster	Dr KUZMAK, Andrij