



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

## Wednesday 25 September 2024

### Afternoon Session 2 - 322 (14:30-17:00)

time	[id] title	presenter
14:30	[50] Effect of the photon subsystem on the magnetic properties of quantum gases in equilibrium with radiation	Prof. СЛЮСАПЕНКО, Юрій
15:10	[40] Resetting random walks in a bounded chain	CHRISTOPHOV, Leonid
15:30	[21] Application of Langevin dynamics for optimization in machine learning tasks	BORYSENKO, Oleksandr
15:50	Coffee break	
16:20	[104] Four types of phase transitions in interacting boson system at high temperatures	ANCHYSHKIN, Dmytro
16:40	[27] Chemical freeze-out curve in heavy-ion collisions and the QCD critical point	LYSENKO, Artemiy