XV Conference of Young Scientists "Problems of Theoretical Physics"

Wednesday 11 June 2025

Mathematical Physics (14:20-18:00)

   -Conveners: Nikolai Iorgov

time	[id] title	presenter
14:20	[36] Effective form factors for asymptotics of finite-temperature correlation functions	GAMAYUN, Oleksandr
15:00	[50] Zeros of isomonodromic tau functions and holomorphic anomaly equation	GAVRYLENKO, Pavlo
15:20	[8] Integrable spinning fluid	LIASHYK, Andrii
15:40	[46] Perturbative connection formulas for Heun equations	NAIDIUK, Andrii
16:00	Coffee Break	
16:20	[16] Motion in perturbed Schwarzschild space-time	YANCHYSHEN, Oleksii
16:40	[40] Defect fusion in higher dimensions	DIATLYK, Oleksandr
17:00	[33] Isomonodromic tau function for Painleve I equation via irregular conformal blocks of rank 5/2	ZHURAVLOV, Yurii
17:20	[9] 1/2-BPS line defects in 4d N=2 SQFTs via Cohomological Hall algebras	GRYGORYEV, Nikita
17:40	[51] Statistical model of dimers and counting of boxes	SEMENYAKIN, Mykola