



# International Conference on Quantum Field Theory, High-Energy Physics, and Cosmology

## Wednesday, 20 July 2022

### Poster Session & Coffee (16:00 - 16:40)

time	[id] title	presenter
16:00	[149] Notes on peculiarities of quantum fields in space-times with horizons	BAZAROV, Kirill
16:05	[154] Thermalization with non-zero anomalous quantum averages	KAZARNOVSKII, Kirill
16:10	[150] Testing universal dark-matter caustic rings with galactic rotation curves	DAVYDOV, Daniil
16:15	[165] Relativistic GL(NM,C) Gaudin models on the elliptic curve	TRUNINA, Elizaveta
16:20	[151] Free energy and entropy in Rindler and de Sitter space-times	DIAKONOV, Dmitrii
16:25	[156] Towards new tests of cosmic-ray correlations with BL Lac type objects	KUDENKO, Maria
16:30	[152] Energy levels of three-particle systems in quantum electrodynamics	ESKIN, Alexey

# Thursday, 21 July 2022

## Poster Session & Coffee (10:40 - 11:20)

time	[id] title	presenter
10:40	[159] The circumgalactic medium contribution to IceCube's astrophysical neutrino flux	MARTYNENKO, Nickolay
10:45	[160] Energy-dependent flavor ratios, cascade/track spectrum tension and high-energy neutrinos from magnetospheres of supermassive black holes	RIABTSEV, Kirill
10:50	[163] Energy Loss in Strong Magnetic Field	SLEPOV, Pavel
10:55	[164] Modelling gravitational wave emission in the post-inflationary Universe	SUZDALOV, Gleb
11:00	[153] Novel integrable structure and deformations in $\text{AdS}_n$ string backgrounds	PRIBYTOK, Anton
11:05	[158] Q-balls of dark matter and LIGO/VIRGO gravitational wave signals	LIBANOV, Alexander
11:10	[161] Probing axion-like particles with superconducting cavities	SALNIKOV, Dmitry
11:15	[162] The Diffuse Supernova Neutrino Background in the Standard and Double Collapse Models	SHAROFEEV, Andrey