



# The XXIV International Scientific Conference of Young Scientists and Specialists (AYSS-2020)

## Thursday, 12 November 2020

### Mathematical Modeling and Computational Physics (14:00 - 16:00)

time	[id] title	presenter
14:00	[752] Global strategy of tracking on the basis of Graph Neural Network for BES-III CGEM inner detector	Mr SHCHAVELEV, Egor
14:15	[753] Local strategy of particle tracking with TrackNETv2 on the BES-III CGEM inner detector	Ms NIKOLSKAYA, Anastasia
14:30	[748] The LOOT Model for Primary Vertex Finding in the BES-III inner tracking detector	REZVAYA, Ekaterina
14:45	[819] Simulation of the Drift Chambers in BM@N experiment	VOYTISHIN, Nikolay
15:00	[776] Development of detailed ROOT geometry for the inner tracker detectors in the BM@N experiment	BARANOV, Dmitry
15:15	[761] High-performance analysis of the nucleus-nucleus elastic scattering data within the microscopic model of optical potential	Mr BASHASHIN, Maxim Ms YERMEKOVA, Assel
15:30	[788] On One Implementation of the Numerov Method for the One-Dimensional Stationary Schrödinger equation	Mr MUNKHBAATAR, Purevkhuu