

The XXIII International Scientific Conference of Young Scientists and Specialists (AYSS-2019)

Monday, April 15, 2019

Mathematical Modeling and Computational Physics: Part 1 (3:00 PM - 4:30 PM)

-Conveners: Olga Derenovskaya; Alexander Gusev

time	[id] title	presenter
3:00 PM	[482] Numerical modeling of superconductors and their application for magnetic shielding	Mr SKIBA, Blażej
3:15 PM	[456] A "vector finder" approach to track reconstruction in the Inner Tracking System of MPD/NICA.	Mr ZINCHENKO, Dmitry
3:30 PM	[324] Monte Carlo study of the systematic errors in the measurement of 15N ions scattering from 10,11B.	Mr SATYSHEV, Ilyas
3:45 PM	[415] Analysis of Passive Heat Removal System by ANSYS FLUENT software	Mr PETROSYAN, Taron
4:00 PM	[410] Realistic simulation of the MPD Time Projection Chamber with Garfield.	Mr BYCHKOV, Alexander
4:15 PM	[357] High performance simulation of the magnetization reversal phenomenon in the ϕ_0 Josephson junction	Mr BASHASHIN, Maxim

Mathematical Modeling and Computational Physics: Part 2 (5:00 PM - 6:30 PM)

-Conveners: Olga Derenovskaya; Alexander Gusev

time	[id] title	presenter
5:00 PM	[342] Solving the Optimization Problem for Designing a Pulsed Cryogenic Cell	Mr AYRIYAN, Alexander
5:15 PM	[500] Numerical analysis of the particle scattering at finite temperature	ROGOZHINA, Elizaveta
5:30 PM	[325] Reactor like TGE model	Mr ZELENYI, Mikhail