



# MMCP2024

## Tuesday 22 October 2024

### Modern methods for data processing and analysis in Mega-science projects - S2 (14:00 - 15:30)

time	[id] title	presenter
14:00	[90] Hypernuclei signal reconstruction in the BM@N experiment	MERTS, Sergei
14:15	[91] A computer model of microstrip coordinate detectors for the hybrid tracker of the BM@N experiment	BARANOV, Dmitry
14:30	[92] Hadron Cluster Finding in the SPD/NICA	BUDKOUSKI, Dzmitry
14:45	[93] Methods for Alignment of multilayer 2D coordinate detectors	KAMENEV, Alexey
15:00	[94] CMS Open Data: Dimuons Lessons	KORSAKOV, Iurii
15:15	[95] Simulation of Dark Matter Production within the extended 2HDM models	SLIZHEVSKIY, Kirill

### Modern methods for data processing and analysis in Mega-science projects - S2 (16:00 - 18:00)

time	[id] title	presenter
16:00	[96] Mathematical model of fractal thermodynamics and analysis of produced particle tracks within the MPD experiment	VOYTISHIN, Nikolay
16:15	[98] Pythia generator parameters tuning with Professor2 package oriented for Belle2 physics	GHUMARYAN, Hazaravard
16:30	[99] Automatic Build and Distribution of Software for MPD of the NICA project	BUŠA JR., Ján
16:45	[97] Evolution of the Resource Manager of the ATLAS Trigger and Data Acquisition System	ALEXANDROV, Igor
17:00	[101] Flexibility extension of the Event Picking service for ATLAS experiment	ALEXANDROV, Evgeny
17:15	[100] Production of the Configuration Information system for the BM@N experiment	YAKOVLEV, Alexander
17:30	[102] Production system of the SPD experiment	PETROSYAN, Artem
17:45	[103] NDMSPC - EOS and N-Dimensional Analysis with ROOT, Enhanced by Web Interface and VR Visualization	VALA, Martin