

5th Collaboration Meeting of the BM@N Experiment at the NICA Facility

Monday, 20 April 2020

Parallel sessions: Analysis Meeting - Cisco Webex meeting room (10:00 - 13:45)

-Conveners: Alexander Zinchenko

time	[id] title	presenter
10:00	[29] Generator of Heavy Ion Collisions DCM-SMM	MUSULMANBEKOV, Genis
10:20	[30] The status of the centrality classes determination with the ZDC for CC@4AGeV (Run 6) experimental data	MOROZOV, Sergey
10:40	[31] MC tuning for the identification in argon run	PLOTNIKOV, Vasily
11:00	[32] GEM to CSC to TOF400 matching in simulation	ALISHINA, Ksenia
11:15	[33] Procedure of digit level embedding of simulated reconstructable Λ^0 decay products into the BM@N inner tracker experimental data	GABDRAKHMANOV, Ilnur
11:30	Break	
11:50	[40] Raw data embedding algorithm of decay products from the Λ^0 -hyperon decay to experimental data of ArKr-run aimed at adjusting the tracking procedure for the BM@N central tracker	BATYUK, Pavel
12:10	[34] DCH in RUN7: MC vs. data	Mr VOYTISHIN, Nikolay
12:30	[41] 12C fragmentation in carbon - proton collisions. Comparison of SRC data with DCM-SMM generator (status of work)	LENIVENKO, Vasilisa
12:45	[35] Beam, PID and the upstream tracking	PATSYUK, Maria
13:05	[38] Reconstruction of the proton arms	KAHLBOW, Julian
13:25	[39] Analysis of fragments	PANIN, Valerii

Parallel sessions: Detector meeting - Cisco Webex meeting room (10:00 - 13:00)

-Conveners: Anna Maksymchuk

time	[id] title	presenter
10:00	[20] Status of the GEM/CSC tracking system	GALAVANOV, Andrei
10:10	[21] Vacuum beam pipe status. Engineering upgrade of the BM@N setup	PIYADIN, Semen
10:25	[23] New detectors for the next SRC run	PATSYUK, Maria
10:40	[36] Design of the FEE for BM@N Si-subsystems	IVANOVA, Yulia
10:50	[24] Performance of power supply for BM@N Si-subsystems	KOPYLOV, Yurii
11:00	[25] Test results of BM@N Si-detectors	STRELETSKAYA, Ekaterina
11:10	Break	
11:30	[37] Design and alignment accuracy of mechanical support for BM@N Si-subsystems	ZUBAREV, Evgenii
11:40	[22] Status of the new BM@N FHCAL with a hodoscope in the calorimeter beam hole	IVASHKIN, Alexander

12:00	[26] Data selection criteria for gamma-clusters detection in BMN ECAL	ALEKSEEV, Petr
12:30	[27] Status of ECAL data calibration for Run-6	SAKULIN, Dmitriy
12:45	[28] ZDC data analysis in comparison with the prediction of LAQGSM and UrQMD models	ZHIGAREVA, Natalia

Parallel sessions: Software meeting - Cisco Webex meeting room (10:00 - 13:00)

-Conveners: Konstantin Gertsenberger

time	[id] title	presenter
10:00	[10] New architecture of the information services for BM@N	SLEPOV, Ivan
10:20	[11] Geometry Design for the BM@N detectors: status and preparation for the next run	BARANOV, Dmitry
10:40	[12] Status of Geometry Database development for the BM@N experiment	ALEKSANDROV, Evgeny
10:55	[13] Online Electronic Logbook Improvement for the future BM@N runs	CHEBOTOV, alexandr
11:10	Break	
11:30	[14] Workflow Services for distributed processing BM@N data	PETROSYAN, Artem
11:45	[15] Modernized Supercomputer Govorun as a computing environment for BM@N data processing	ZUEV, Maxim
12:00	[17] Incorporating Docker into BM@N software development process	Mr BALASHOV, Nikita
12:15	[16] Simulation of data processing centers for the BM@N experiment on the basis of the probability approach	PRYAHINA, Daria
12:30	[18] Modification of simulation, reconstruction and quality assurance modules of the BmnRoot software	NEMNYUGIN, Sergei
12:45	[19] Visualization and auxiliary tools development in BM@N experiment	KLIMAI, Peter