

6th Collaboration Meeting of the BM@N Experiment at the NICA Facility

Monday, October 26, 2020

Parallel sessions: Detector meeting - Room 241, Building 215 (9:00 AM - 1:00 PM)

-Conveners: Anna Maksymchuk

time	[id] title	presenter
9:00 AM	[30] Preparation of the BM@N experimental hall for heavy ion program	PIYADIN, Semen
9:20 AM	[31] Target station, mechanics of the profilemeters, X-ray tests of the carbon beam pipe	KUBANKIN, Aleksandr
9:40 AM	[32] Status of the carbon vacuum beam pipe	CHUDOBA, Petr
10:00 AM	[33] GEM/CSC tracking system status	GALAVANOV, Andrei
10:20 AM	[34] Study of the interaction trigger and beam ion fragmentation for Au+Au collisions in BM@N experiment	Mr LASHMANOV, Nikita
10:35 AM	Coffee Break	
11:05 AM	[38] Status of the new BM@N FHCAL	MOROZOV, Sergey
11:25 AM	[36] Liquid hydrogen target status	KLIMANSKIY, Dmitriy
11:45 AM	[37] ECAL data analysis considering signal time parameters	ALEKSEEV, Petr
12:10 PM	[47] Progress in development of technology for series STS module assembly at JINR	SHEREMETEV, Aleksie

Parallel sessions: Software meeting - NICA Hall (9:00 AM - 1:00 PM)

-Conveners: Konstantin Gertsenberger

time	[id] title	presenter
9:00 AM	[19] Software contribution from MIPT: development of services and tools for BM@N	KLIMAI, Peter
9:25 AM	[20] Performance optimization of the BmnRoot reconstruction modules	NEMNYUGIN, Sergei
9:45 AM	[21] CI/CD pipeline status and perspectives for BM@N	Mr BALASHOV, Nikita
10:05 AM	[22] First results of applying a probabilistic approach to simulation of BM@N data centres	PRYAHINA, Daria
10:25 AM	[23] DIRAC Interware as a tool for the organization of scientific computing	PELEVANYUK, Igor
10:45 AM	Coffee Break	
11:15 AM	[24] Status of information services for the BM@N experiment	SLEPOV, Ivan
11:30 AM	[25] Online Histogramming System and perspectives of integration with DQA	GABDRAKHMANOV, Ilnur
11:45 AM	[27] Geometry Information System for the BM@N and other experiments	ALEKSANDROV, Evgeny
12:05 PM	[28] Architecture of the Web service for offline database of the BM@N experiment	CHEBOTOV, alexandr
12:20 PM	[29] Status of Workflow Implementation for BM@N distributed processing	PETROSYAN, Artem

Parallel sessions: Analysis meeting - Conference Hall, Building 3 (9:30 AM - 1:00 PM)**-Conveners: Alexander Zinchenko**

time	[id] title	presenter
9:30 AM	[39] The Status of Identification in Argon Run	PLOTNIKOV, Vasily
9:50 AM	[40] Adaptation of Monte Carlo to experimental data for the SRC experiment	DRIUK, Andrey
10:00 AM	[41] Λ^0 reconstruction with embedded and real experimental data in RUN7	BATYUK, Pavel
10:15 AM	[42] TOF700 efficiency comparison between MC and Data in Argon data run 7	KOVACHEV, Lalyo
10:30 AM	Coffee Break	
11:00 AM	[43] Status of the Lambda hyperon analysis in the carbon run	STEPANENKO, Yury
11:20 AM	[44] Geometry update for inner tracker detectors of the BM@N setup for RUN-7 and the next run configurationsrun and in future heavy ion runs	BARANOV, Dmitry
11:35 AM	[45] K^0_S mass resolution	KHUKHAEVA, Anastasia
11:45 AM	[46] Vertex reconstruction - combinatorial approach	ZAVERTYAEV, Mikhail