

**Tuesday 20 April 2021****Plenary II - Conference Hall, Building 215 (10:00-15:00)**

time	title	presenter
10:00	Summary of the analysis meeting	ZINCHENKO, Alexander
10:30	Summary of the detector meeting	SEDYKH, Sergey
11:00	Coffee Break	
11:20	BM@N software development and summary of the software meeting	GERTSENBERGER, Konstantin
11:45	Status of the BM@N simulation and data reconstruction	MERTS, Sergei
12:10	Update on physics case and observables of the BM@N heavy-ion program	SENGER, Peter
12:30	Discussion of the results and upgrade status	
13:00	Lunch	
14:00	Preparation for the SRC run	
14:30	Coffee break and end of the Meeting	

# 7th Collaboration Meeting of the BM@N Experiment at the NICA Facility

Monday, 19 April 2021 - Tuesday, 20 April 2021

## VBLHEP Programme

**Monday 19 April 2021****Software meeting - NICA Hall Building 215 (10:00-13:00)****-Conveners: Konstantin Gertsenberger**

time	title	presenter
10:00	Status of the Geometry Database and steps to integrate into the BM@N experiment	ALEXANDROV, Evgeny
10:20	Design of the Event Metadata System for BM@N and testing the first prototypes	YAKOVLEV, Alexander
10:40	DIRAC workload management system and the very first results for the BM@N experiment	PELEVANYUK, Igor
11:00	Intel DAOS with Optane Technology for High-Performance Storage	MATVEEV, Mikhail
11:20	Coffee	
11:40	Software contribution from SPbU: algorithmic and code optimization of the BmnRoot framework	NEMNYUGIN, Sergei
12:05	Software contribution from MIPT: implementation of systems and services for BM@N	KLIMAI, Peter
12:30	Development of tools for event data decoding and quality analysis	GABDRAKHMANOV, Ilnur
12:45	Deployment structure of the information services for BM@N on the NICA cluster	SLEPOV, Ivan

**Detector meeting - Conference Hall Building 215 (10:00-13:00)****-Conveners: Anna Maksymchuk**

time	title	presenter
10:00	Upgrade of the trigger system	SEDYKH, Sergey
10:20	Status of the GEM/CSC tracking systems	KULISH, Elena
10:40	Status of FHCAL and forward charged fragments hodoscopes	MOROZOV, Sergey
11:00	Status of the ECAL	AFANASIEV, Sergei
11:20	Coffee Break	
11:40	Ion beam pipe for BM@N experiment, current status and schedule	KUBANKIN, Aleksandr
12:00	Magnetic field measurements of the SP-41 magnet	SHINDIN, Roman
12:20	The impact of materials and frames on protons in the arm spectrometer and fragments in detectors downstream the analyzing magnet	NEPOCHATYKH, Sergey
12:40	Simulation of magnetic shielding for PMTs next to SP-41 magnet	ATOVULLAEV, Timur

**Analysis meeting - Room 347, Building 215 (10:00-13:00)****-Conveners: Alexander Zinchenko**

time	title	presenter
10:00	Status of C+A data analysis (Run 6)	STEPANENKO, Yury
10:20	ZDC response study in CC@4AGeV (Run6)	ZHEREBTSOVA, Elizaveta
10:35	Methods of centrality determination in AuAu@4.5 AGeV with FHCAL and and fragments hodoscope	KARPUSHKIN, Nikolay
10:50	Recent progress in $\Lambda^0$ -reconstruction with argon data	BATYUK, Pavel

11:10	Coffee Break	
11:40	The Status of Identification in Argon Run, TOF400	PLOTNIKOV, Vasily
12:00	TOF particle identification in Argon data run 7	KOVACHEV, Lalyo
12:20	Analysis of fragment production in C + p reaction on the SRC data	DRIUK, Andrei
12:40	Application of the Vector Finder toolkit for track reconstruction in BM@N	ZINCHENKO, Alexander

**Lunch - Canteen (13:00-14:00)****Plenary I - Conference Hall, Building 215 (14:00-16:40)**

time	title	presenter
14:00	Welcome	KEKELIDZE, Vladimir
14:05	Status of the BM@N experiment	KAPISHIN, Mikhail
14:25	Upgrade of the BM@N detectors	MAKSYMCHUK, Anna
14:55	Status of the Booster and Nuclotron	
15:25	Coffee Break	
15:40	STS tracking system for BM@N	
16:10	Forward silicon and beam detectors	

**IB Meeting - <https://indico.jinr.ru/event/2092/> (16:40-18:00)**