

VI SPD Collaboration Meeting and Workshop on Information Technology in Natural Sciences

Monday, 23 October 2023

Physics (14:30 - 16:00)

time	[id] title	presenter
14:30	[41] Novel results for gluon TMDs in nucleon	Dr LYUBOVITSKIJ, Valery
15:10	[42] Double spin correlations in the reaction $dd \rightarrow pnpn$ and its relation to pn-correlations	UZIKOV, Yury
15:35	[68] Active role of gluon in hadron interactions	Prof. KOKOULINA, Elena

Physics (16:30 - 17:00)

time	[id] title	presenter
16:30	[69] Physics of Relativistic Ion-Ion Collisions: SPD Opportunities	NIGMATKULOV, Grigory

Wednesday, 25 October 2023

Physics: Physics I (10:00 - 11:30)

time	[id] title	presenter
10:00	[57] Report on Samara group activity	Prof. SALEEV, Vladimir
10:25	[58] Report on MSU group activity	BEREZHNOY, Alexandr
10:35	[59] Study of multiquark fluctons in dd collisions at SPD	VECHERNIN, Vladimir
11:00	[60] Associated $J/\psi+\gamma$ production at the SPD NICA	ALIMOV, Lev
11:15	[61] On η_c production at the SPD NICA	ANUFRIEV, Anton

Physics: Physics II (12:00 - 13:30)

time	[id] title	presenter
12:00	[65] Open charm production at low energies: short review and some ideas worth trying at SPD conditions.	LESHCHENKO, Evgeniy
12:15	[66] Λ_c^+ observation possibility at SPD NICA experiment	SMIRNOV, Artem
12:30	[67] Λ_c production simulation and di- ϕ production simulation within SPDRoot	SEREGIN, Leonid
12:45	[46] Spin-dependent event simulation	ALEXAKHIN, Vadim
13:05	[45] A new algorithm for reconstruction of the primary vertex of interaction	ANDREEV, Vladimir

Physics: Physics III (14:30 - 16:00)

time	[id] title	presenter
14:30	[47] Track fitting performance in SpdRoot	AKHUNZYZANOV, Ruslan
14:50	[54] Particle Identification in SPD	IVANOV, Artem
15:05	[49] Charged particle yields	ZEMLYANICHKINA, Elena
15:20	[50] Study of KS meson reconstruction efficiency at SPD	ROGACHEVA, Natalia
15:35	[51] Status of reconstruction in SPD ECAL	MALTSEV, Andrei

Physics: Physics IV (16:30 - 18:00)

time	[id] title	presenter
16:30	[52] Status of the Description of the Muon System in the SpdRoot	VERKHEEV, Alexander
16:45	[53] Realistic hit reconstruction in SPD muon system	GRIDIN, Andrei
17:00	[56] Cluster particle production @SPD experiment	BUDKOUSKI, Dzmitry
17:20	[55] Prospects of open charm measurements at SPD	DATTA, Amaresh
17:40	[64] Simulation of the pp-scattering for the SPD BBC	TEREKHIN, Arkadiy