

XXV International Baldin Seminar on High Energy Physics Problems "Relativistic Nuclear Physics and Quantum Chromodynamics"

Thursday, 21 September 2023

Parallel: Applied use of relativistic beams: Session III - 2nd floor auditorium (09:01 - 10:40)

time	[id] title	presenter
09:01	[175] Investigations of transmutation of actinides ^{237}Np , 238 , ^{239}Pu , ^{241}Am at JINR accelerators within the framework of the programs "Energy - Transmutation" and "YASNAPP". Investigation of isomerism and yields of odd holmium nuclei ($A = 156, 158, 160$) when irradiating a ^{165}Ho target at JINR accelerators within the framework of the programs "Energy - Transmutation" and "YASNAPP".	YUDIN, Ivan
09:20	[176] JINR Investigation of the structure and of the yields of nuclei obtained using targets ^{238}U , ^{209}Bi at JINR accelerators: "Phasotron" ($E_p=660$ Mev) and "Linak-200" within the framework of the programs "Energy - Transmutation" and "YASNAPP". Studies of superconducting properties of high-temperature conductors by methods of nuclear spectroscopy at the accelerator the NICA complex within the framework of the programs "Energy - Transmutation" and "YASNAPP".	VAGANOV, Yury
09:40	[83] Proton and carbon-ion minibeam therapy: from modeling to treatment	PSHENICHNOV, Igor
10:00	[3] Energy Production in Subcritical Fission Reactors	PARAIPAN, Mihaela
10:20	[28] MONTE-CARLO SIMULATION OF QUASI-INFINITE DEPLETED URANIUM TARGET IRRADIATED BY 1...10 GeV DEUTERON AND PROTON BEAM	HUSAK, Krystsina

Parallel: Applied use of relativistic beams: Session III - 2nd floor auditorium (11:00 - 13:00)

time	[id] title	presenter
11:00	[98] Analysis of dose-dependent effects based on the statistical significance data of the irradiation effect on neurogenesis in C57BL/6J mice	GLEBOV, Artem
11:20	[144] Radiobiological research on heavy ions in LRB JINR	Dr LOBACHEVSKY, Pavel
11:40	[115] Measurements of the quark and gluon jet macro parameters with the CMS	Dr SHULGA, Sergey
12:00	[14] Three-arm spectrometer SCAN-3 at the Nuclotron internal target	DRYABLOV, Dmitry
12:20	[92] On the possibility of observing weakly excited 6-quark states in $d-d \rightarrow 6q+d$ scattering processes at the NICA SPD	KOSTENKO, Boris
12:40	[66] Fragmentation features of Be, B nuclei in nuclear track emulsions	ARTEMENKOV, Denis