

The XXIII International Scientific Conference of Young Scientists and Specialists (AYSS-2019)

Monday, 15 April 2019

Particle accelerators and nuclear reactors: Part 1 (15:00 - 16:30)

-Conveners: Mikhail Nozdrin; Mikhail Shandov

time	[id] title	presenter
15:00	[392] CRYOGENIC TARGETS OF THE LIGHTEST GASES (HYDROGEN, DEUTERIUM AND HELIUM-4) WITH GM CRYOCOOLER FOR EXPERIMENTS OF HIGH ENERGY PHYSICS	Mr КЛИМАНСКИЙ, Дмитрий
15:15	[315] Dilution cryostats for experiments with the frozen spin polarized target at particle accelerators	Mr DOLZHIKOV, Anton
15:30	[350] Tracking Simulation of the Bunched Beam Stochastic Cooling	GORELYSHEV, Ivan
15:45	[363] Particle dynamics in an accelerator with a longitudinal magnetic field.	MELNIKOV, Sergey
16:00	[420] Modeling and analysis nica accelerator complex superconducting magnets magnetic fields	Mr KHROMOV, Nikita
16:15	[341] Replacing the lead coolant with Pb-Mg eutectic and the effect of these substitutions on the neutron-physical, thermophysical characteristics of fast reactors	Mr YSKAKOV, Almas

Particle accelerators and nuclear reactors: Part 2 (17:00 - 18:30)

-Conveners: Mikhail Nozdrin; Mikhail Shandov

time	[id] title	presenter
17:00	[317] The new Light-ion Linac for the NICA Collider	Mr MARTYNOV, Andrei
17:15	[405] NICA booster control system: thermometry	Mr SEDYKH, Georgy
17:30	[411] The beam transfer lines for electronics and radiobiology applications of the NICA project.	Mr FILATOV, Georgy
17:45	[413] Development of beam diagnostic systems for applied research stations at VBLHEP JINR	Mr SLIVIN, Alexey
18:00	[440] Optimization of the operating mode of the NICA collider for experiments at SPD: studying the effect of impedance on the dynamics of an intense proton beam	Mrs KOROBITSINA, Margarita
18:15	[491] HILAC-Booster transport channel: beam diagnostics and the magnetic elements power supply	Mr PONKIN, Dmitriy