



# The XXIV International Scientific Conference of Young Scientists and Specialists (AYSS-2020)

## Thursday, 12 November 2020

### Particle accelerators and nuclear reactors (14:00 - 16:00)

time	[id] title	presenter
14:00	[735] Pulse research reactor IBR-3 - optimization of parameters "Method of reducing the level of power fluctuations in pulsed reactors"	Mr HASSAN, Ahmed
14:15	[738] Impedance model of the NICA collider for experiments at SPD	Mrs KOROBITSINA, Margarita
14:30	[722] Applied research stations for microchips and radiobiology irradiation with low and high energy ion beams of NICA accelerator complex	SLIVIN, Alexey
14:45	[733] System for checking of electrical parameters of superconducting magnets for NICA and FAIR projects	KONDRATIEV, Bohdan
15:00	[737] Production of metal ion beams from DECRIS-3 ion source	Mr BONDARCHENKO, Andrey
15:15	[809] The software development for data processing from the heavy ion beam loss diagnostics system for the DC-280 accelerator	Mr TIMOSHENKO, Konstantin
15:30	[757] special aspects of creating a synchronization system for injector of the NICA complex	SHIRIKOV, Ilya
15:45	[731] Development of the Electron string ion sources thermometry systems	Mr PONKIN, Dmitriy