



# 28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024)

## Thursday 31 October 2024

### Particle Accelerators and Nuclear Reactors - 3-310 (12:45 - 13:30)

time	[id] title	presenter
12:45	[1798] Software program for calculating the dynamics of a fast pulsed reactor	DIKOVA, Tatiana
13:15	[1498] DETAILED NEUTRONIC CALCULATIONS FOR PULSED NEUCLEAR RESEARCH REACTOR NEPTUNE	Mr HASSAN, Ahmed

### Particle Accelerators and Nuclear Reactors - 3-310 (14:50 - 16:05)

time	[id] title	presenter
14:50	[1532] STUDY OF MECHANICAL PROPERTIES AND FRACTURE FEATURES OF FERRITE-MARTENSITIC STEEL EP-450 IRRADIATED BY NEUTRONS IN THE BN-350 REACTOR	KIM, Yelena
15:05	[1748] Optimization of the non-destructive method for diagnosing heavy ion beam losses based on neutron registration	Mr TIMOSHENKO, Konstantin
15:20	[1596] A new mathematical model of electrodynamic processes in spiral high-voltage pulse generators	Mr PARASKUN, Alexander
15:35	[1656] Distributed Hall Measuring System	VOLKOVA, Olga
15:50	[1688] Measurement of the electron beam profile by the multi-angle scanning method	BUSHMINA, Elizaveta

### Particle Accelerators and Nuclear Reactors - 3-310 (16:30 - 17:30)

time	[id] title	presenter
16:30	[1700] Observation of Coherent Transition Radiation in Super-radiant Regime and its Application for Longitudinal Diagnostics	KIDANOVA, Ekaterina
16:45	[1527] Multiple heavy ion injection into NICA Booster	MARTYNOV, Andrei