

The XXV International Scientific Conference of Young Scientists and Specialists (AYSS-2021)

Wednesday, 13 October 2021

Applied research (10:15 - 12:00)

time	[id] title	presenter
10:15	[957] SRTIO3 BASED PHOTOCATALYSTS FOR HYDROGEN PRODUCTION	KENZHEBAYEVA, Adelya
10:30	[852] Determination of the elemental composition of archaeological ceramics found on the territory of Kazakhstan, by nuclear-physical methods and statistical analysis of the results.	LOBACHEV, Valerij
10:45	[889] Heating time and concentration of Pt influence on Fe-Pt nanoparticles properties: structure, morphology and hysteresis	Dr KELGENBAEVA, Zhazgul
11:00	[859] Development of a multi-channel power supply for the TAO and DUNE experiments	SHAROV, Vladislav
11:15	[855] Light detection system prototype for DUNE Near Detector TPC	Mr SOKOLOV, Sergei
11:30	[875] Development of methods and tools for SiPMs matrixes mass testing for the TAO detector.	CHEKTERIKOV, Alexey
11:45	[928] Study of ceramic objects of the settlement of ancient Kazakhstan by methods of neutron tomography, diffraction and Ramon spectroscopy.	ZHOMARTOVA, Ayazhan

Applied research (15:45 - 17:15)

time	[id] title	presenter
16:00	[883] «The study of radiation defects in heterostructured semiconductors after irradiation at the irradiation facility of the IBR2 research reactor»	YSKAKOV, Almas
16:15	[886] «Currently characteristics of the irradiation facility at IBR-2 reactor for investigation of material radiation hardness»	ПЕТРОВА, Мария
16:30	[897] 3D visualization of radiotracers for SPECT imaging using a Timepix detector with a coded aperture	ROZHKOVA, Vladislav
16:45	[947] Functional characteristics of composite scintillators based on Me+ doped ZnWO4 micropowders	TINKOVA, Vira
17:00	[894] Intensive formation of K radiative centers in silicon nitride by implantation with carbon ions	Dr MURZALINOV, Danatbek