

Session Program

11-17 Oct 2020

**LXX International conference "NUCLEUS -
2020. Nuclear physics and elementary
particle physics. Nuclear physics
technologies"**

Poster session 3 (part 2)

Online

Wednesday 14 October

18:10

Poster session 3 (part 2): Modern nuclear physics methods and technologies

Poster Session | Location: Online

Using of burnable poison in the PIK reactor.

Speaker

Nadezhda Zikhareva

Development of a facility for fast neutron spectrometry using a plastic scintillator EJ-276 with PSD capability

Speaker

Mr Iliia Urupa

Measurement of the time dependence of the background of delayed neutrons on the 1-st channel of IBR-2.

Speaker

Dr Evgenia Kuznetsova

Optimization of digital signal processing algorithms for neutron detector based on Cs₂₆LiYCl₆:Ce scintillator.

Speaker

Timofey Bobrovskiy

THE YIELDS OF THE NUCLEI FORMED IN THE ${}^{237}\text{Np}$ AND ${}^{241}\text{Am}$ SAMPLES IRRADIATED BY THE NEUTRON FIELD.

Speaker

Ms Фазилат Расулова

LITHIUM-LOADED PLASTIC SCINTILLATORS FOR THERMAL NEUTRON DETECTION

Speaker

Dr Igor Nemchenok

Development of the neutrino control method for nuclear reactors within the iDREAM project.

Speaker

Aldiyar Oralbaev

New "dry" plasma technology for nuclear materials processing

Speakers

Dr Anna Petrovskaya, Mr Sergey Surov

Measurement of the time-of-flight spectra of the neutrons by the integrated method on pulsed neutron sources.

Speaker

Dr Valery Kuznetsov

19:10