



# LXXI International conference "NUCLEUS – 2021. Nuclear physics and elementary particle physics. Nuclear physics technologies"

## Tuesday, 21 September 2021

**Poster session (Experimental and theoretical studies of the properties of atomic nuclei) (18:00 - 20:00)**

-Conveners: Egor Zemlin

[id] title	presenter	board
[217] Nucleon density profiles and nucleus-nucleus interaction potential	Mr SIMONOV, Makar	
[112] Diffraction processes in elastic scattering of 16-O by medium nuclei	Dr DYACHKOV, Vyacheslav	
[103] Alpha decay characteristics of superheavy elements	MOSTAKOV, Ivan	
[73] Study of ground states of 13,14C, 13,14N, 14O nuclei by Feynman's continual integrals	SAMARIN, Viacheslav	
[61] Collisional quenching of the pionic helium long-lived states	Dr KORENMAN, Grigoriy YUDIN, Sergey	
[51] THE ALIGNMENT OF THE ${}^{16}\text{O}(\text{O}^3\text{--}; 6.131 \text{ MeV})$ NUCLEUS FORMED IN SOME NUCLEAR REACTIONS AT $E_x \approx 7.5 \text{ MeV/NUCLEON}$	ZELENSKAYA, Nataliia	
[43] CALCULATIONS OF THE OCTOPOLE DEFORMATION OF RADIUM AND THORIUM ISOTOPES IN THE HARTREE-FOCK-BOGOLYUBOV APPROXIMATION WITH SKYRME FORCES	TARASOV, Vyacheslav	
[35] STRUCTURE OF LEVELS AND ELECTROMAGNETIC TRANSITION RATES IN ODD-ODD NUCLEI CLOSE TO DOUBLY-MAGIC NEUTRON DEFICIENT ${}^{100}\text{Sn}$	ISAKOV, Vadim	
[31] THE INFORMATION SYSTEM MASCA FOR CALCULATION AND GRAPHICAL REPRESENTATION OF ATOMIC MASSES, BINDING ENERGIES OF NUCLEI, ENERGIES OF SEPARATIONS AND NUCLEAR DECAYS, ENERGY THRESHOLDS OF NUCLEAR REACTIONS	MITROPOLSKY, I.A.	