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# IV international conference on particle physics and astrophysics

## Friday 26 October 2018

### Nuclear physics: 1 - Moskvorechye 2 hall (09:30-11:30)

-Conveners: Alla Demyanova

time	[id] title	presenter
09:30	[293] Searching for neutrinoless double beta decay with Ge76	SCHWINGENHEUER, Bernhard
09:45	[289] VIRTUAL MECHANISMS OF THE NUCLEAR DECAYS AND REACTIONS	Prof. KADMENSKY, Stanislav
10:00	[300] Search for periodical variations of Fe-55 isotop weak decay parameters	Prof. MAYBUROV, Sergey
10:15	[327] Neutron lifetime: experimental problem or anomaly?	Prof. SEREBROV, Anatolii
10:30	[448] TAU-4 installation intended for long-term monitoring of a half-life value of the $^{212}\text{Po}$	KUZMINOV, Valery
10:45	[489] SOLAR NEUTRINO CAPTURE CROSS-SECTION FOR Ge-76 NUCLEI	VYBOROV, Andrei
11:00	[355] Spectroscopy of $^7\text{He}$ in reactions of stopped pion absorption by nuclei $^{12,14}\text{C}$	Dr. CHERNYSHEV, Boris
11:15	[504] $^8\text{He}$ spectroscopy in stopped pion absorption by $^{11}\text{B}$	LEONOVA, Tatiana

### Nuclear physics: 2 - Moskvorechye 2 hall (15:35-16:50)

-Conveners: Boris Chernyshev

time	[id] title	presenter
15:35	[512] Halo – like structure of unbound $^7\text{He}$	Dr. DEMYANOVA, Alla
15:50	[382] Investigation of the interaction of ion beams and X-ray quanta with deuterated crystal structures at the HELIS facility.	Ms. BAGDATOVA, Alsou Dr. NEGODAEV, Mikhail Dr. RUSSETSKII, Aleksei
16:05	[272] Relativistic three-nucleon nuclei in the Bethe-Salpeter-Faddeev approach	YUREV, Sergey
16:20	[275] Selection of parameters of the input window of a gas-filled separator operating at an increased intensity of a heavy ion beam	Mr. IBADULLAEV, Dastan
16:35	[562] ION PRODUCTION IN THE $^{12}\text{C} + ^7\text{Be}$ INTERACTIONS AT GeV ENERGIES	KRUTENKOVA, Anna