

# International Seminar on Development of Neutron Nuclear Methods

dedicated to the 80-th anniversary of Alexandr Strelkov.

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Frank Laboratory of Neutron Physics  
Joint Institute for Nuclear Research

**September 22, 2017 9:30**

**FLNP conference hall**

## List of speakers

09-30 – 10-00 **V. Shvetsov** (FLNP JINR), Introductory talk

10-00 – 10-30 **Informal guest's speeches**

10-30 – 11-00 **K. Shakun** (NU «Odessa Maritime Academy», Odessa), « MD-modeling of the intermediate scattering function for argon-like liquids and water».

11-00 – 11-30 **P. Geltenbort** (ILL, Grenoble), « Sasha and the ILL».

**11-30 – 11-50 Coffee break**

11-50 – 12-10 **V. Vassiliev** (NRC KI ITEP, Moscow), «Neutron life-time and DUNYA-2 detector at ITEP».

12-10 – 12-35 **M. Petelin** (IAP RAS, Nizhnii Novgorod) and **M. Thumm** (KIT, Karlsruhe), «The speed limitation - from the Pythagoras' theorem»

12-35 – 13-05 **V. Ezhov** (NRC KI PNPI, Gatchina), «Possible systematics in measuring neutron lifetime using UCN magnetic storage».

**13-05 – 14-00 Lunch**

14-00 – 14-25 **E. Lychagin** (FLNP JINR), «Discovery of small heating of UCN».

14-25 – 14-50 **S. Doegé** (ILL, Grenoble), «Transmission of ultracold neutrons through condensed deuterium - the result of three years of work».

14-50 – 15-20 **M. Jentschel** (ILL, Grenoble), «Measurement of the neutron mass»

15-20 – 15-50 **L. Mezhov-Deglin** (ISSP RAS, Chernogolovka), «SANS studies of the impurity gel samples in liquid helium».

**15-50 – 16-10 Coffee break**

16-10 – 16-40 **V. Nesvizhevsky** (ILL, Grenoble), «On sources of slow neutrons and reflectors for slow neutrons».

16-40 – 17-10 **A. Voronin** (P.N. Lebedev Physical Institute, RAS, Moscow), «Investigation of the gravitational states of ultracold antihydrogen».

17-10 – 17-40 **A. Barabanov** (NRC KI, Moscow), «Is it possible to discover UCN scattering on thermal fluctuations?»

**17-40 – 18-30 Reception**

