

# Prospects of the low-energy nuclear physics in Russia; Selected problems in the studies of light exotic nuclei.

*Monday, 27 February 2023 11:30 (40 minutes)*

The talk consists of two parts: “official” and research. (1) We discuss several active projects in the fields of fundamental low-energy nuclear physics aiming the development in RF the world-level large-scale research infrastructure. (2) We review the status of studies for several extreme neutron-rich systems -  $4n$ ,  $6H$ ,  $7H$ ,  $26O$  - which both remain a challenge to experiment and require unusual approaches from theoretical side.

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