

# The 2nd International African Symposium on Exotic Nuclei IASEN2024



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## Studies of light exotic nuclei at FLNR JINR

Studies of the light exotic nuclei is an important part of scientific program of Flerov Laboratory of Nuclear Reactions (JINR, Dubna, Russia).

In 1996-2017 it was realised at ACCULINNA fragment separator, based on U-400M accelerator. In 2018 a new ACCULINNA-2 fragment separator was commissioned. The novel results concerning quite “problematic” lightest neutron-rich systems  $4n$ ,  $6H$ ,  $7H$ , and  $7He$  were obtained at ACCULINNA-2 in the recent years.

In 2024 the scientific program of ACCULINNA-2 facility restarts with commissioning of upgraded U-400M accelerator.

### Notes

Something about “Current and future facilities” as well

**Primary author:** GRIGORENKO, Leonid (FLNR, JINR)

**Presenter:** GRIGORENKO, Leonid (FLNR, JINR)