

## Development of a detector system at ACCULINNA-2 fragment separator

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Modern detector systems of light charged particles ( $E \sim 1-45$  AMeV) and neutrons ( $E < 30$  MeV) for the experiments with radioactive beams at ACCULINNA-2 fragment-separator were designed and developed [1-4]. Using such technique new information about low energy spectra of the several neutron rich nuclei  ${}^7\text{H}$ ,  ${}^7\text{He}$  and  ${}^8,9\text{Li}$  was obtained [5-7]. Main characteristics of these detectors and its future application are presented.

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