

eurorib'10

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Experiments with Exotic Nuclei applying a new Generation on In-Flight Separators and Spectrometers

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The research potential with exotic nuclei is determined by fast, sensitive and highly efficient separation and high-resolution detection methods. Therefore, new separators and spectrometers are integrated parts in each rare-isotope facility worldwide. In this contribution novel developments of separators and spectrometers are briefly reviewed and compared. High-resolution experiments are often the key to extend the knowledge of nuclear physics. Present and future spectrometers for stored rare isotopes offer unique research opportunities at low and high kinetic energies.

Is this an invited talk? (please answer yes or no)

yes

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