

## **Latest news from REX: the 2009 campaign, new beams and technical developments**

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During 2009, REX has accelerated new particle types, and promising results have been obtained for the charge breeding of very heavy neutron-rich ion beams. These will be reported, as well as experience from the 2009 measurement campaign; results from the first tests with diamond detectors used as beam diagnostics; and the development work on a tilted foil set-up for the production of polarized beams. Major consolidation works are underway on both the linac and low-energy region of REX (for cooling, shielding and the control system), which will also be presented.

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