

REX operation 2005 and future plans and upgrades

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Operation and development in 2005:

REX- ISOLDE (the radioactive beam experiment at ISOLDE) has now been approved as a CERN facility. A number of tasks are underway to improve its operation and reliability. Already 2005 has been a very successful campaign with a record number of RIBs accelerated and delivered to the two experimental targets: 15 different isotopes have been accelerated at energies ranging from 2.2 to 2.85 MeV/u in 9 physics runs!

Energy upgrade of the linac:

A plan has now been drawn for the extension of the experimental beamlines into the new hall and the upgrade of the linac at 5.5 MeV/u. Different solutions are also envisaged for a future 10 MeV/u upgrade.

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