

News from the RIKEN RI beam factory

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The RIKEN Radioactive Ion Beam Factory, a major upgrade of the existing heavy-ion accelerator facility at RIKEN, has recently been commissioned. Three new ring cyclotrons boost the beam energies to 440 and 350 MeV/u for light and heavy ions, respectively with an intensity goal for Uranium beams of 1p micro A.

From these primary beams intense secondary radioactive ion beams will be produced by the large acceptance, two-stage in-flight RI fragment separator BigRIPS.

A wide array of experiment equipment is existing, under construction or planned. The facility, major experimental equipment and first results of their operation will be presented.

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