

EUROBALL at GSI



Rare Isotope Spectroscopic INvestigation at GSI

RISING homepage:

[http : //www.gsi.de/ ~wolle/EB_at_GSI/main.html](http://www.gsi.de/~wolle/EB_at_GSI/main.html)

experiments will start in 2003

Projectile Fragment Separator

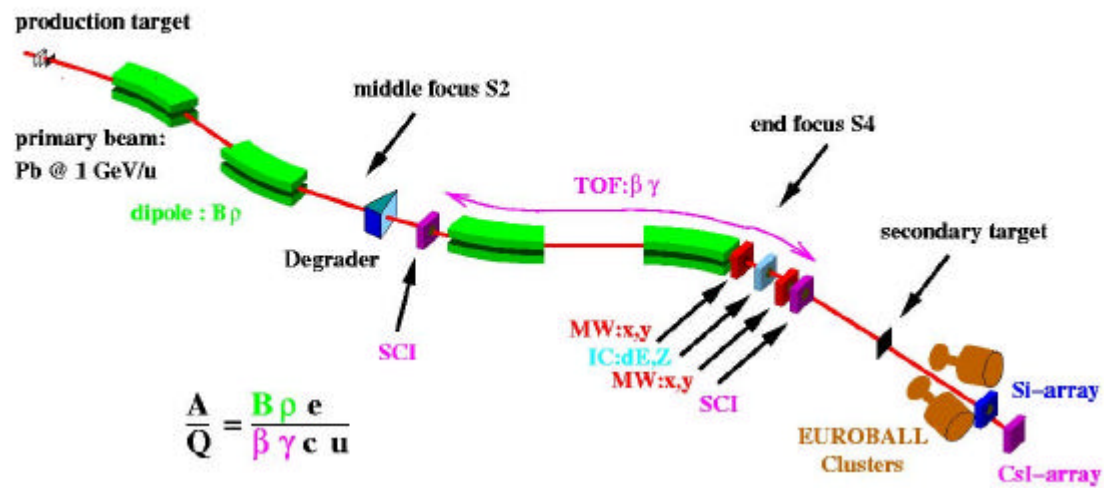


Fig. 1: Schematic setup of the RISING campaign with radioactive ion beam at 100 A MeV

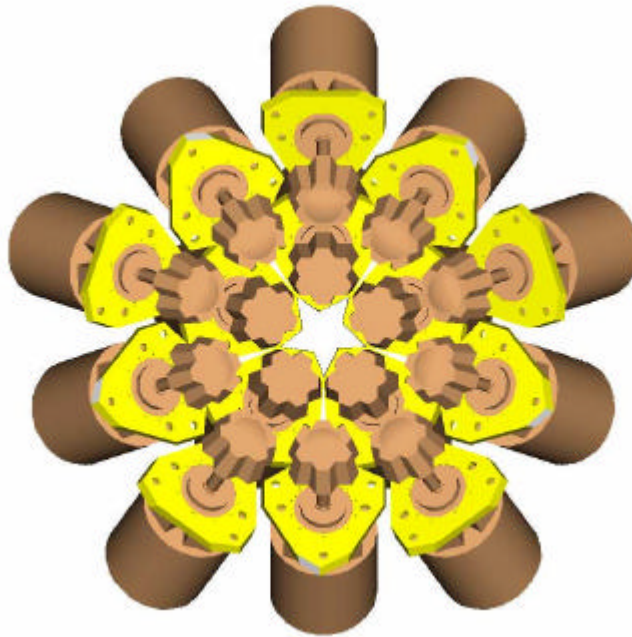


Fig. 2: Germanium array of the 15 EUROBALL cluster detectors consisting of 105 Ge crystals

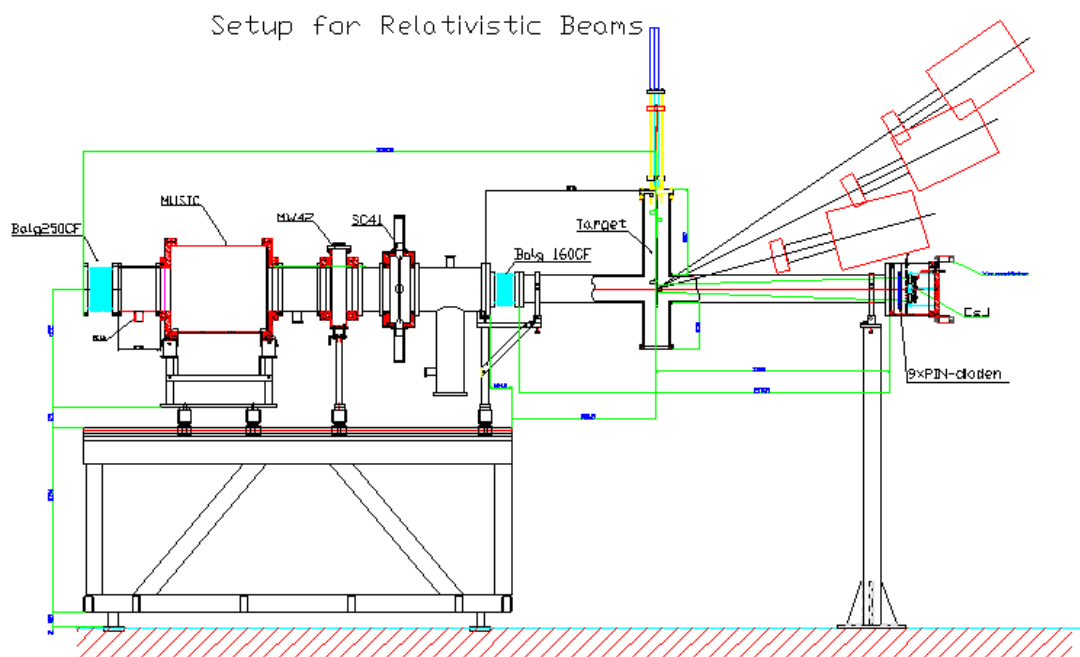


Fig. 3: Technical drawing and photo of the RISING beamline for experiments at relativistic energies

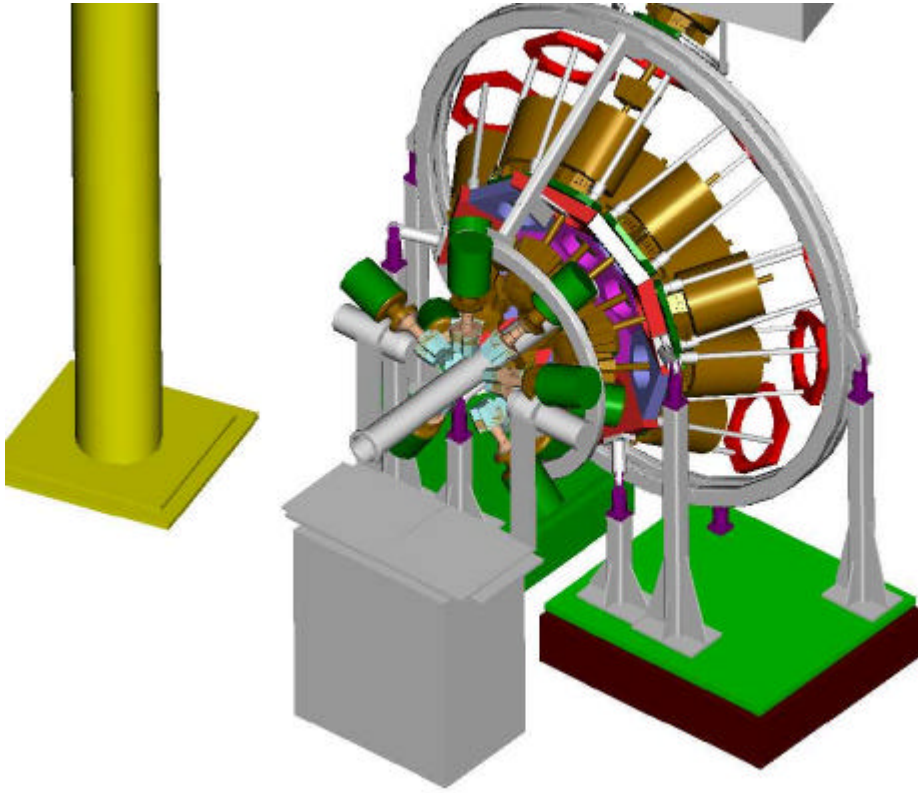


Fig.4: Holding structure of the Cluster array for experiments at 100 A MeV.

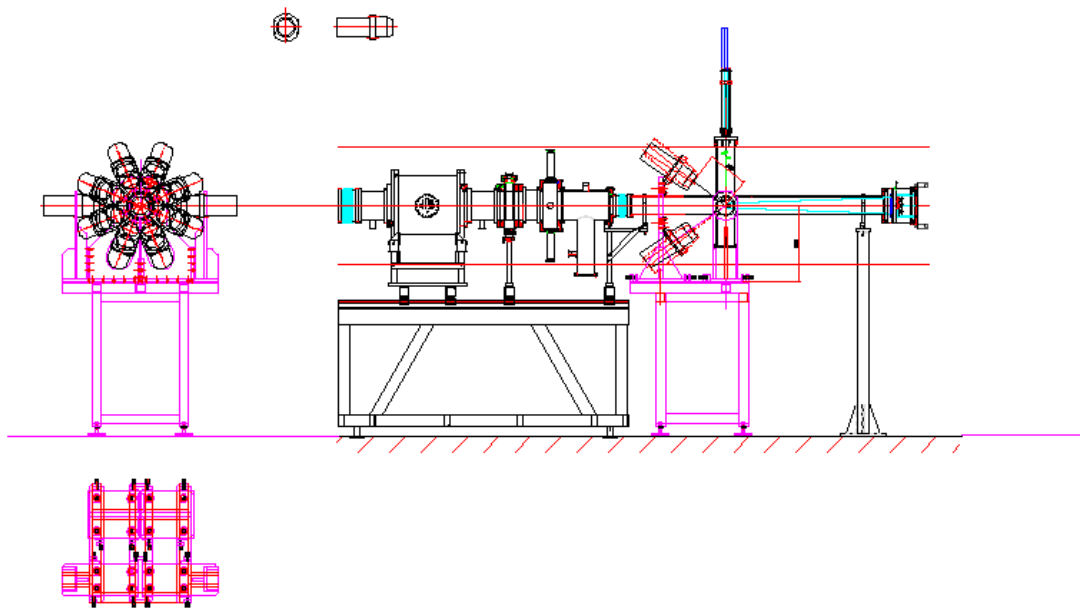
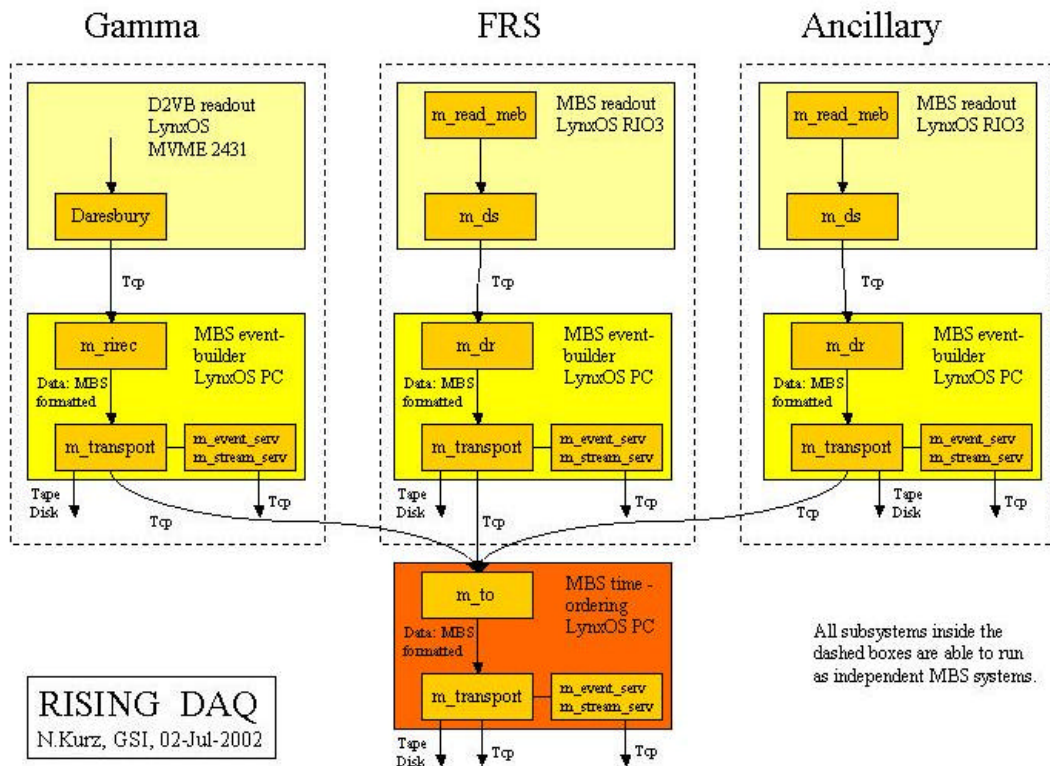
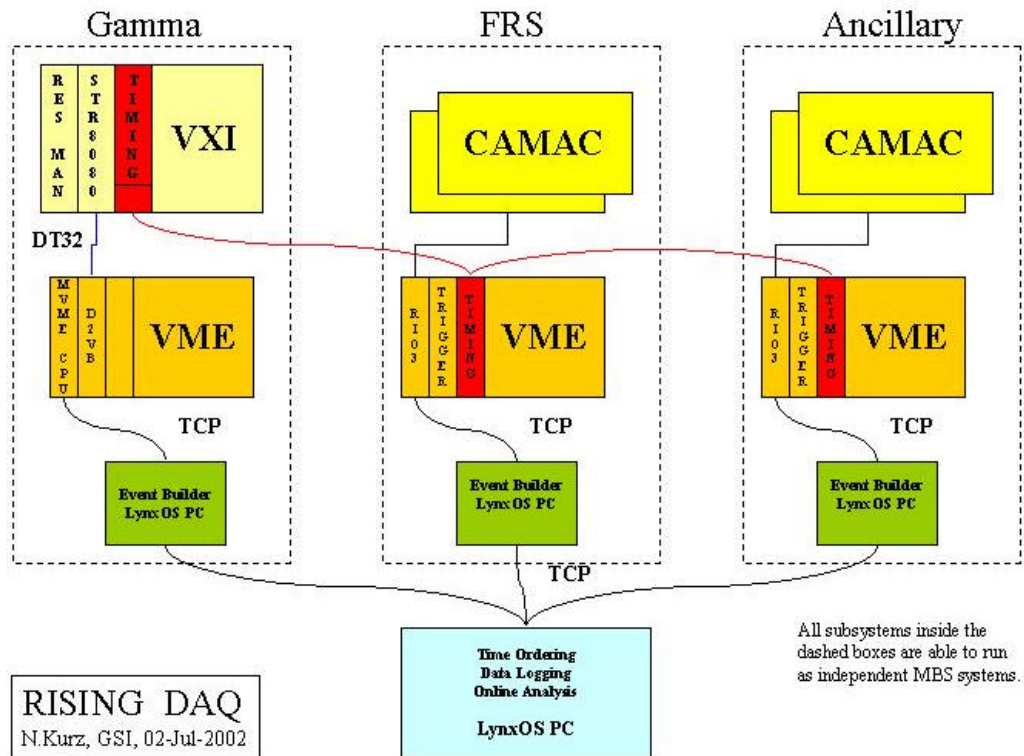


Fig.5: Holding structure of the BaF array for experiments at relativistic energies.



2003 schedule of the *RISING* project

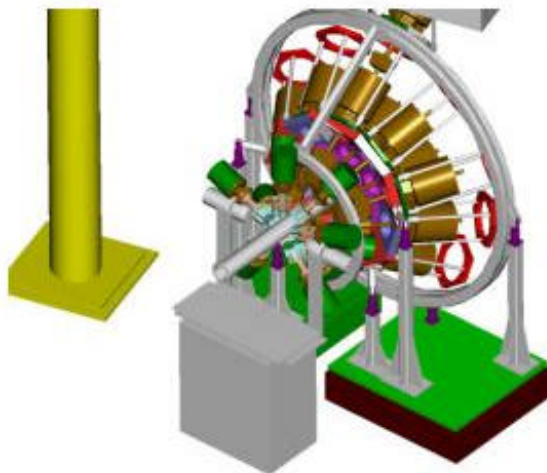


April, 1 - 17

• installation of the rails

April, 22 -

• transport of Cluster



June:

• array complete