



## Gain Factors

- Primary beam intensity: Factor 100 – 1000
- Secondary beam intensities for radioactive nuclei: up to factor 10,000
- Beam energy: Factor 15

## Special Properties

- Intense, fast cooled energetic beams of exotic nuclei
- Cooled antiproton beams up to 15 GeV
- Internal targets for high-luminosity in-ring experiments

## 5 Research areas:

- Radioactive Ion Beams
- Antiproton Physics
- High Energy Nuclear Collisions
- Plasma Physics
- Atomic Physics