

# Physics with Exotic Nuclei and Exotic Atoms at Relativistic Energies

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- \* Introduction ✓
- \* Momentum Measurements, Ion Optics, Spectrometers ✓
- \* Atomic Interaction of Heavy Ions ✓
- \* Exotic Atoms ✓
- \* Production and Separation of Exotic Nuclei ✓
- \* Halo and Skin Nuclei ✓
- \* **Precision Experiments with Stored Ions**

# Experiments with Stored Exotic Nuclei at Relativistic Energies

✧ **Mass Measurements**

✧ **Lifetime Measurements with Bare and  
Few-Electron Atoms**

# Predictive Power of Models

