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Deceleration of Ion Beams - Related Challenges and Opportunities

Friday 6 June 2025 09:00 (30 minutes)

The GSI facilities of CRYRING and HiTRAP are used for decelerating ion beams to low energies. This deceleration phase is preceded by the generation and acceleration of those ions. CRYRING and HiTRAP operate at the junction between accelerator science and atomic physics. The scientific motivation, the operation principle, the state of the art and future outlooks are presented.

Footnotes

Funding Agency

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