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Type: **Poster presentation**

Multi-charge Uranium Beam Dynamics in LINAC-100 Driver-Accelerator

Tuesday, 31 August 2021 19:20 (4 minutes)

This paper contains the results on an attempt to simultaneously accelerate a three-charge state Uranium beam with 59 - 61+ charge states after the stripper section in the SC section of an accelerator-driver LINAC-100. Beam fractions oscillations along the SC part of LINAC-100 are investigated, quasi-synchronous phase pattern along the linac SC part was optimized to mitigate beam fractions “tails” occurring due to the large phase slipping rate inside the cavities considering the most possible accelerating rate preservation.

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

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Internet talk

No

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Session Classification: Poster Session