



Contribution ID: 5

Type: **Poster**

Update of a green field proton driver design

Tuesday 13 May 2025 19:10 (20 minutes)

I will show a current design of a green field proton driver. It uses a flexible momentum compaction factor lattice. The momentum compaction is optimised in accumulator and compressor rings separately. Space charge effects during the bunch rotation will be estimated in the longitudinal and transverse directions. Possible beam experiments to demonstrate a bunch rotation with the high intensity effects are proposed.

What category does your poster fit in?

Proton Driver

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Session Classification: Poster