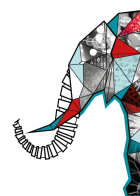


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SPIRAL2 INJECTOR COMMISSIONING

Friday, 12 July 2019 09:18 (18 minutes)

The SPIRAL2 injector is composed of two ion sources (p/d and heavy ions up to $A/Q=3$, with respectively up to 5mA and 1mA CW) followed by a 730 keV.A RFQ. Beam commissioning has started in 2014 in parallel with the superconducting linac and HEBT installations. The RFQ beam commissioning started soon after the first RF conditioning done in October 2015. This paper describes the RFQ RF commissioning at the $A/Q=3$ field level and beam measurements done on the diagnostic plate for the reference particles (H^+ , $4He^{2+}$ and recently $18O^{6+}$ and $40Ar^{14+}$).

Choix de session parallèle

6.1 SPIRAL 2 : programme scientifique et premiers résultats

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Session Classification: Séance Parallèle