

Current status of beam commissioning at the Frankfurt Neutron Source

Tuesday 27 August 2024 16:00 (2 hours)

The Frankfurt Neutron Source FRANZ will be a compact accelerator driven neutron source utilizing the ${}^7\text{Li}(p,n){}^7\text{Be}$ reaction with a 2 MeV proton beam. Following successful beam commissioning of the 700 keV proton RFQ, further beam experiments including emittance measurements are currently ongoing. Preparations for conditioning and commissioning of the IH-DTL are running in parallel to the current beam measurement campaign. We report on the current status of commissioning towards a 2 MeV proton beam.

Footnotes

Funding Agency

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