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Commissioning status of the Frankfurt Neutron Source FRANZ LEBT and RFQ

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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. Recent commissioning efforts showed successful proton beam operation at the targeted RFQ injection energy of 60 keV up until the point of RFQ injection. The RFQ was retrofitted with new electrodes for the injection energy of 60 keV. We report on the status of commissioning of the beamline and RFQ.

Funding Agency

Footnotes

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Yes

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