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Commissioning of the IOTA proton injector

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The Proton Injector for the IOTA storage ring (IPI) has been constructed at the Fermilab Accelerator Science and Technology facility (FAST). It is a machine capable of delivering 20 mA pulses of protons at 2.5 MeV. IPI will operate alongside the existing electron injector beamline to facilitate further beam physics research and the continued development of novel accelerator technologies at the IOTA ring. This report details the results of the initial commissioning of IPI and an overview of the upcoming experiments with intense proton beams at IOTA.

Footnotes

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