

9th Beam Telescopes and Test Beams Workshop



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New Irradiation Test Area at Fermilab

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In the Fall of 2020 Fermilab began commissioning and operations of a new Irradiation Test Area (ITA). The ITA receives 400 MeV proton beam, or H⁻, and is capable of delivering 2.7e15 protons per hour. This beam area has a shielding cave, motion table, remote counting house, and infrastructure to support cooling and powered tests of devices during irradiation. The facility operates under the Fermilab Test Beam program and is open to user requests when beam is available. This presentation will provide an overview of design and operations at the ITA and initial beam performance.

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