

Education initiatives in the experimental area of the Trento Proton Therapy Center (Italy)

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The experimental area of the Trento Proton Therapy Center (Italy) is a experimental area devoted to research on particle physics sensors and biophysics. In this area particle physics sensors can be tested with a proton beam with a energy range between 70 and 130 MeV.

This area is also specially suitable for education initiatives addressed to both students or general public because in this space all the elements of a complex test-beam facility are accessible to the visitors: beam transport magnets, beam monitor devices, dose measurement devices, DAQ systems, target experimental sensors and remote monitoring systems for sensors.

In this poster will be presented a description of the experimental Trento Proton Therapy Center accelerator and experimental area and also the public success obtained there during the “Trento Smart City Week 2019” initiative in September 2019.

I read the instructions

Secondary track (number)

17

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