

## 6th Beam Telescopes and Test Beams Workshop 2018



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### The CERN East Area

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The East Area at the Proton Synchrotron is one of CERN's longest running facilities for experiments, beam tests, and irradiations with a history of 55 years. An overview of the available facilities will be given: two beam lines providing secondary hadron or electron beams in the momentum spectrum of 0.5-12 GeV/c complementing the momentum range of the SPS north area, as well as the CHARM and IRRAD irradiation facilities. To continue meeting the high demand for beam time, the CERN council has approved the East Area Renovation Project, aiming to maintain and upgrade the existing facilities. The project timeline expands currently over LS2 (2019-2020), and details of the future layout and characteristics are presented in this talk. Additionally, since autumn 2016, the AIDA beam telescope AZALEA has been permanently installed in East Area beam lines and is available for the users. Measurements taken with this telescope in the T9 and T10 beam lines, demonstrating the performance of the detector planes in several beam conditions, are also presented.

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