

11th Beam Telescopes and Test Beams Workshop



Contribution ID: 17

Type: **Talk**

CERN Secondary Beam lines and Test Beam facilities overview

Monday 17 April 2023 14:50 (20 minutes)

CERN offers a diverse set of test beam facilities that offer many different particle types over a large momentum range. These secondary and tertiary beams are produced from primary proton and ion beams of the PS and SPS accelerators and serve fixed-target experiments as well as dedicated experimental areas for test beam users. The available beams range from below 1 GeV/c up to 400 GeV/c and a selectable flux from a few particles up to 10^9 particles per extraction. This talk presents a general overview of all beamlines and available experimental areas, including beam properties, and available infrastructure for tests, such as beam telescopes and other beam instrumentation. Finally, a brief overview of the beam control software is given.

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Session Classification: Facilities