

# The Test Beam Facilities of CERN

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The CERN test beam lines and experimental areas serve over 200 test beams and experiments per year with more than 2000 users and are considered one of the most important facilities for detector R&D worldwide. Both the East and North Areas host several experimental areas and are in the process of extensive renovation to ensure the availability of test beams for the coming decades. We present the consolidation efforts and the available beams, including their versatility in momenta, spanning from a few hundred MeV/c to 400 GeV/c, and in particle species, extending over protons, mixed hadrons, electrons, muons, and several ion species within a wide range of intensities. Test beam users have access to beam instrumentation capable of particle identification, among other functionalities. With projects leading to intense detector R&D work on the horizon, such as FCC-ee, initial ideas to provide better electron test beams at CERN along with extensions of user space will also be reported.

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Yes

## Alternate track

1. Accelerator: Physics, Performance, and R&D for Future Facilities

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