

8th Beam Telescopes and Test Beams Workshop



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Overview over CERN test beam facilities and updates on their modifications during Long Shutdown 2

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CERN's accelerator complex offers a great variety of multi-purpose test beam facilities. In this presentation, the multiple possibilities of various beams in North and East experimental areas are presented. Different particle beams with momenta from 0.5 GeV/c to 400 GeV/c at intensities up to 10^7 particles per extraction are available. We present the numerous services that we provide to test beams and experiments, including the software for controlling, monitoring and logging of the beam that can be accessed directly by our users. This presentation will show as well the changes that currently are taking place in the North Area, such as the extension of user zones and facilities (e.g. GIF++), and the new infrastructure for experimental gases. An overview of the on-going renovation of the complete East Area complex is presented in addition, which is scheduled to be finished by 2021.

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