

# 13th Beam Telescopes and Test Beams Workshop



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## The current status of the Beam Test Facility at LNF-INFN

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The DAFNE Beam Test Facility (BTF) at INFN Laboratori Nazionali di Frascati (INFN-LNF) provides primary and secondary electron (positron) beams for detector development, calibration, and various fixed target experiments. The DAFNE-LINAC feeds BTF with primary electron (positron) beams whose operational energy, charge and pulse duration can be also adjusted.

Through optimized use of primary and secondary beams, the facility offers a wide range of run-time tunable beam intensities, energies, spot dimensions, and divergences to a broad community of HEP and non-HEP users, which will be reported as case studies for typical new detector development experiences.

A key strength of BTF is its flexibility, allowing beam and service equipment parameters to be easily adjusted even during data collection. The facility includes two experimental halls, BTFEH1 and BTFEH2, equipped with beam diagnostics and many essential services for experiments, along with 24/7 operations and dedicated beamline scientists.

Additionally, the latest developments in the control system and data delivery will be showcased, routinely used to provide users with real-time detailed experimental conditions.

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