Channeling 2012



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BTF: status and evolution of the DAFNE beam test facility

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The DAFNE beam test facility (BTF) has been operating successfully for ten years. The electron(positron) 50-750(550) MeV beams can also produce a tagged photon (Bremsstrahlung) beam and a neutron photoproduction source (n@BTF) is under characterization. In addition to detector and beam diagnostics tests, the positron beam (down to 2 mrad divergence, 2 mm transverse rms size) has been also used for channeling experiments. We will presents the facility, as well as preliminary results and future development plans.

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