

# 12th Beam Telescopes and Test Beams Workshop



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## Beam Telescopes at the DESY II Test Beam

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Beam tests often rely on the precise reconstruction of particle tracks as a reference measurement. Therefore, the DESY II Test Beam facility provides beam telescopes to its users. They have to be flexible regarding the integration of a device under test and consist of a minimum amount of material to not disturb the comparatively low-energy beam (

*lessim*6 GeV). These requirements are fulfilled by the well-established EUDET-type telescopes, which DESY operates two copies of. A successor of these telescopes is currently being developed based on ALPIDE sensors. A first prototype, called Adenium, is already in continuous user operation.

This presentation will discuss the ins and outs of using one of the beam telescopes provided by the DESY II Test Beam facility and report on the status of DESY's ALPIDE-based telescope developments.

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