

Photo-electron calibration system tests

- ▶ The laser light delivery system for the photo-electron calibration system will be shipped to DESY this month

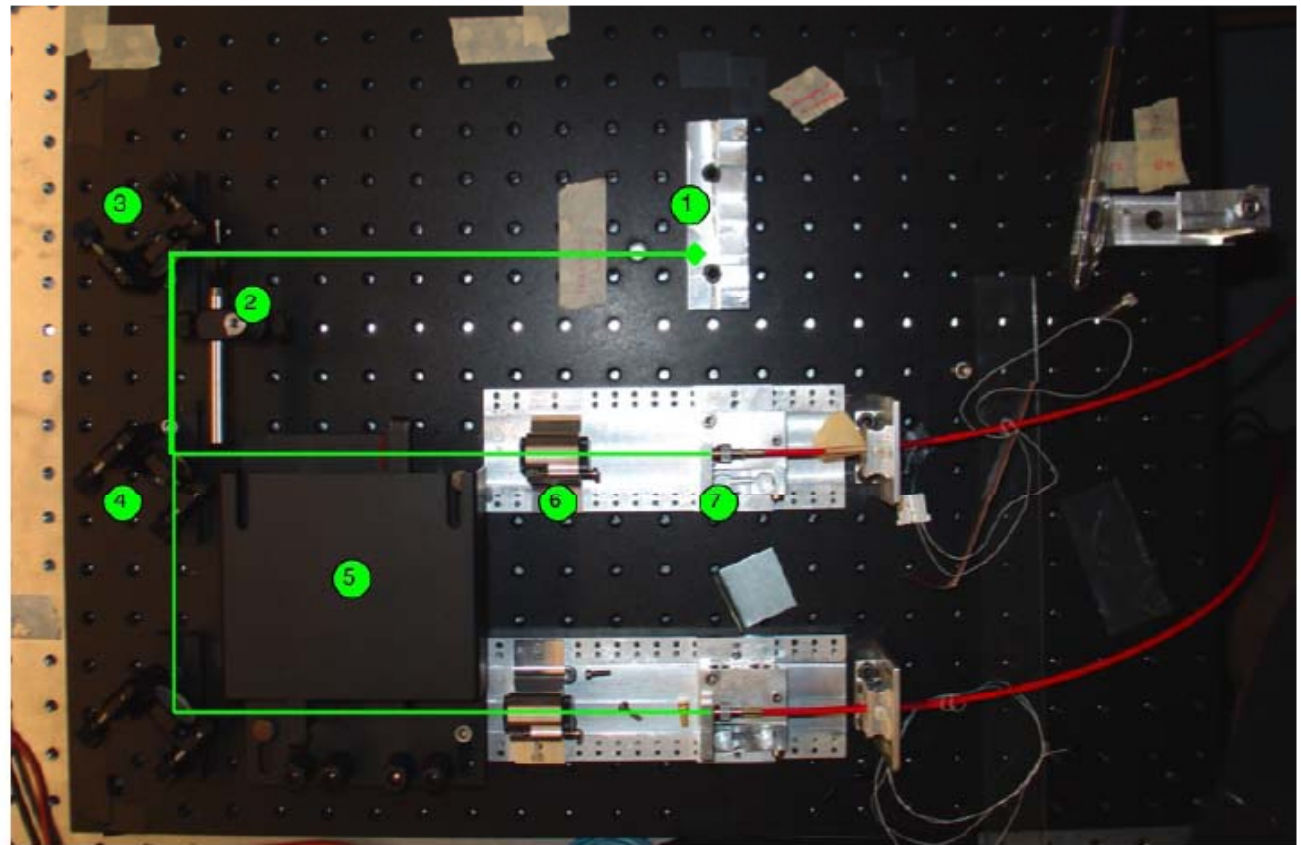
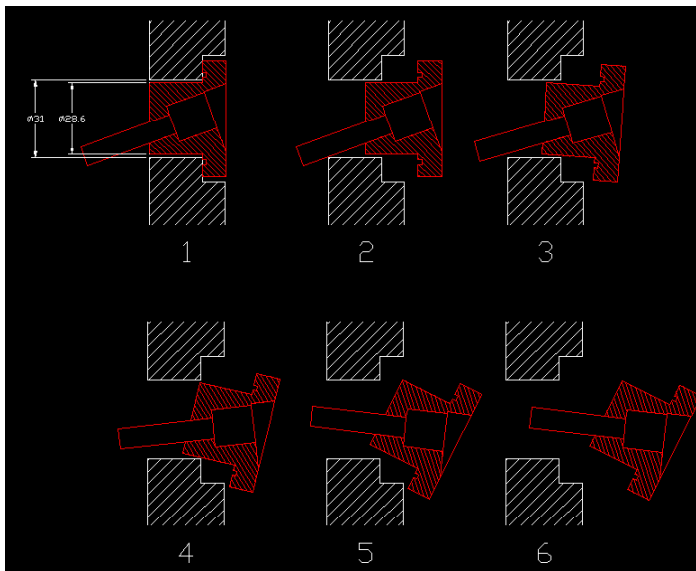


Figure 4: Components of the calibration system which will be placed on the laser table. Light exits the laser at (1) (the laser is not present in the photo), passes through a collimator that eliminates excess light from the laser (2), reflects off the first mirror (3), and passes a beamsplitter (4) that divides the light into branches that pass through a beam blocker system (5), enter a lens (6) that focuses the light onto the face of the red fibre-optic cables (7), which it follows to the TPC.

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- ▶ Patrick Conley will be at DESY from May 4 until late August
 - ▶ Operate calibration system
 - ▶ Further develop software to map distortions
 - ▶ Contribute to general operations of LCTPC
- ▶ Paul Poffenberger will be at DESY the week of May 18 to help Patrick do laser alignment and setup in detector area