

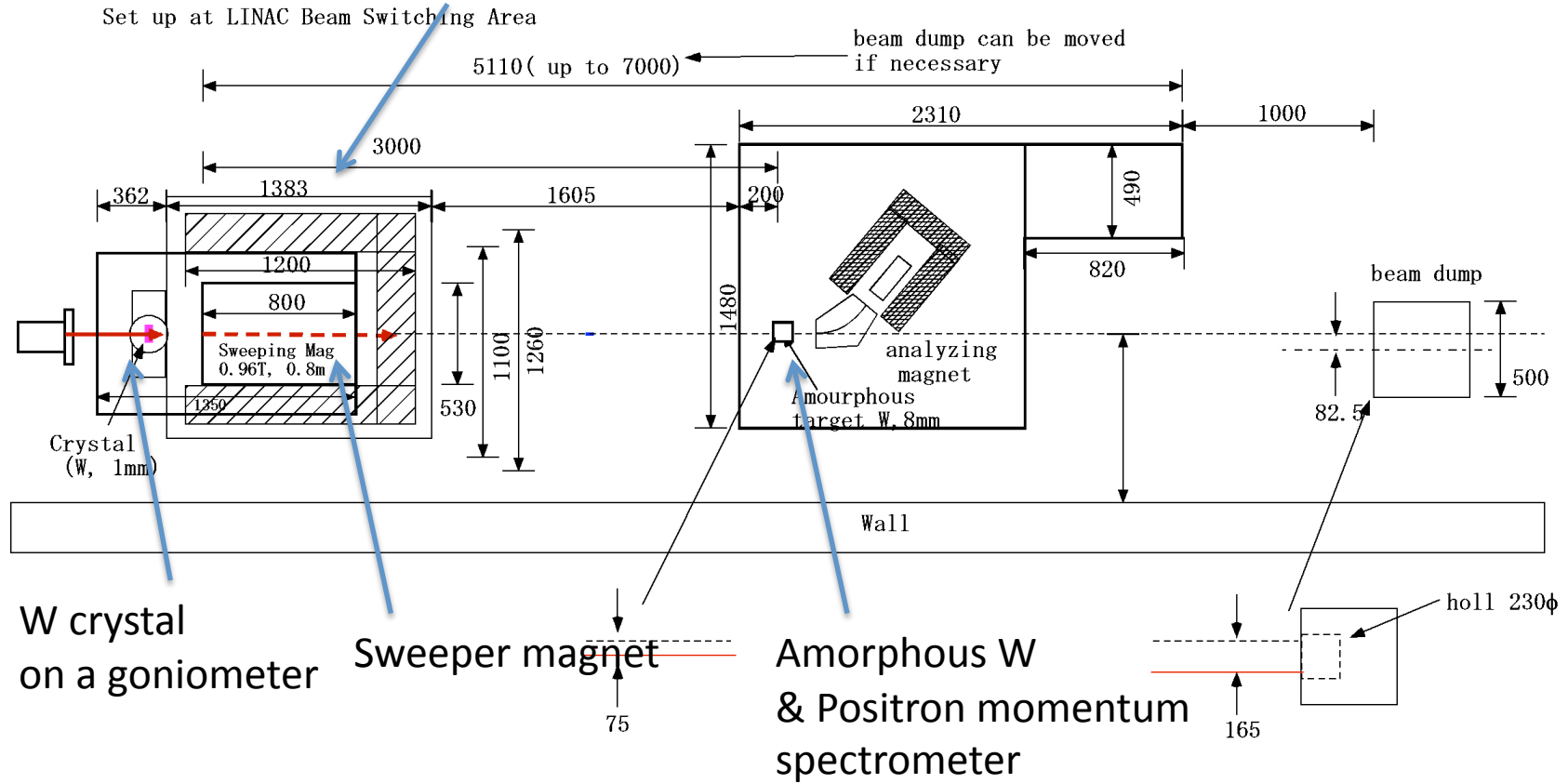
Present status on the positron generation experiment with a tungsten hybrid target

2009 Sep.03 KEK, Tsuyoshi Suwada

1. Setup of the sweeper magnet with a precise alignment and the lead-block shielding will be finished in 2009Sep03.
2. Setup of the positron momentum spectrometer has been finished with a precise alignment in 2009Aug28.
3. The cabling and cooling-water piping for the sweeper magnet has been finished in 2009Sep03.
4. Setup of the goniometer and the linear stage of an amorphous W will be also finished in 2009Sep04.
5. The DAQ system and signal check are underway. Maybe the next week.

Experimental setup on the positron production with a tungsten hybrid target

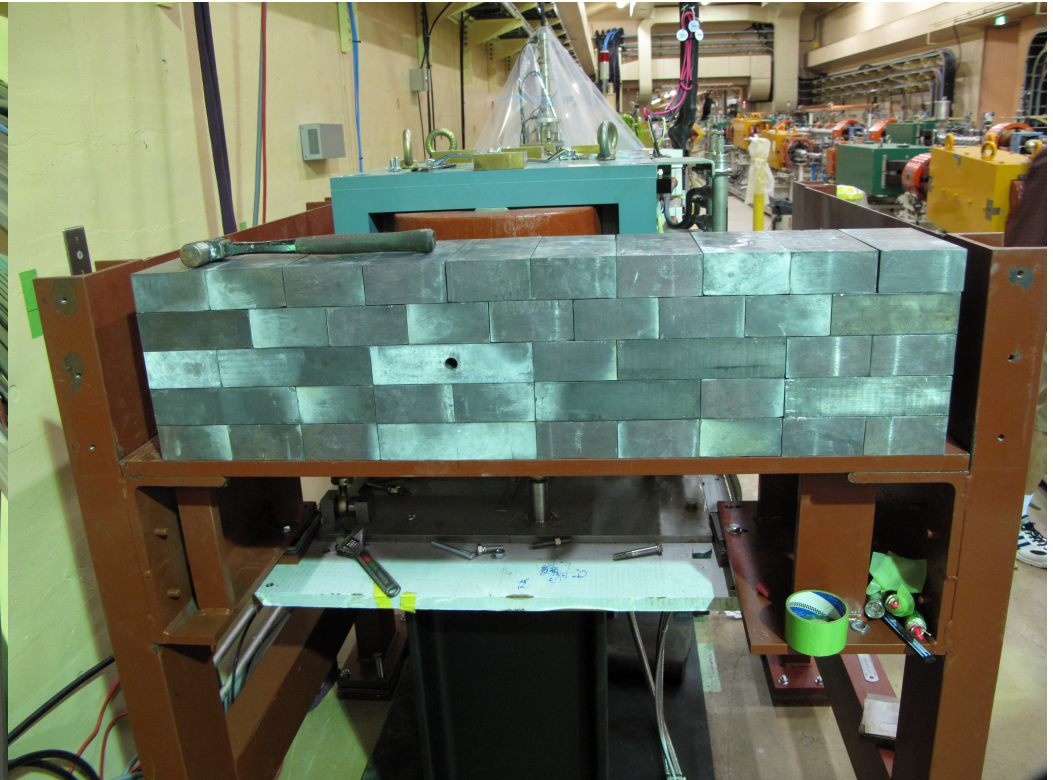
Lead-block shield



View of the experimental setup under construction



View of the sweeper magnet and lead block shields under construction



View of the sweeper magnet from downstream.

You can see a small hole (15mm in diameter) for gamma ray extraction from the tungsten crystal.