

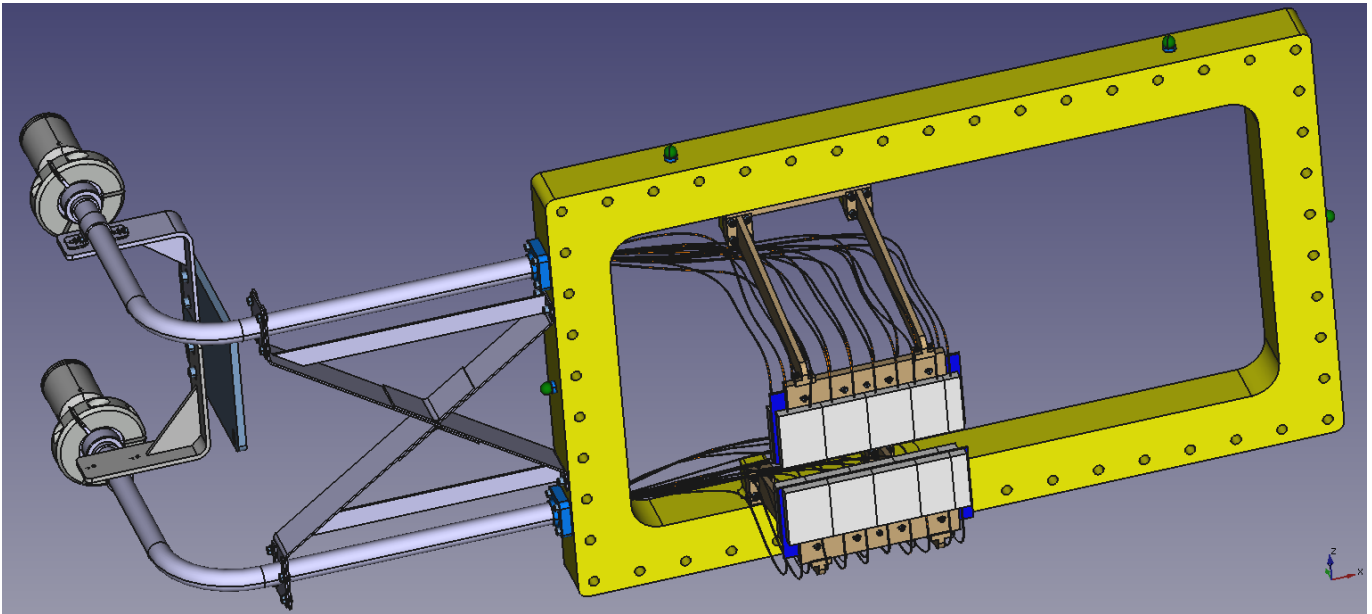
Manual for HPS Hodoscope

Rafayel Paremuzyan

June 2, 2019

1 General description of the Hodoscope

The Hodoscope (hodo) is a charge particle detector. It's main purpose is to help to suppress large photon background at the trigger level. Main trigger of HPS will be a coincidence (latheral and time) between hits in Hodoscope and clusters in ECal. The hodo is installed inside the SVT vacuum chamber and is located in between the Layer 6 of HPS SVT and the ECal front face.



2 Channel Mapping

3 HV settings

4 PMTs

5 PMT housing