

CMS Mip Timing Detector @ H4 PPE164

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on behalf of the CMS MTD

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Alignment of scintillators and hodoscopes

- Successful alignment of scintillator counters (trigger) and hodoscope planes with the new beamline for NP04
 - thanks to Nikos, Simone and others



- We could now run parasitically with NP04 for ~1 more week
 - we are $\sim 1 X_0$ thick

Experimental setup and data taken

- We appreciated beam focused at \sim infinite
 - allows a better extrapolation of impact point on our target using the 2 hodoscope planes
- Tested two sensor candidates to build the MTD barrel detector
 - data will provide strong input to write the TDR (due by early 2019)
- Tested 16 channels module prototype

