BCM1F report

CMS DESY Group Meeting, 18th Feb 2009

CMS Zeuthen Group

Main topics ongoing on BCM1F side:

• Planning of disassembly/assembly BCM1F detectors for allowing work to pixel detector people (~March 09).

• TDCs already working and functionalities being tested for adaptation to the requirements of the BCM1F signals.
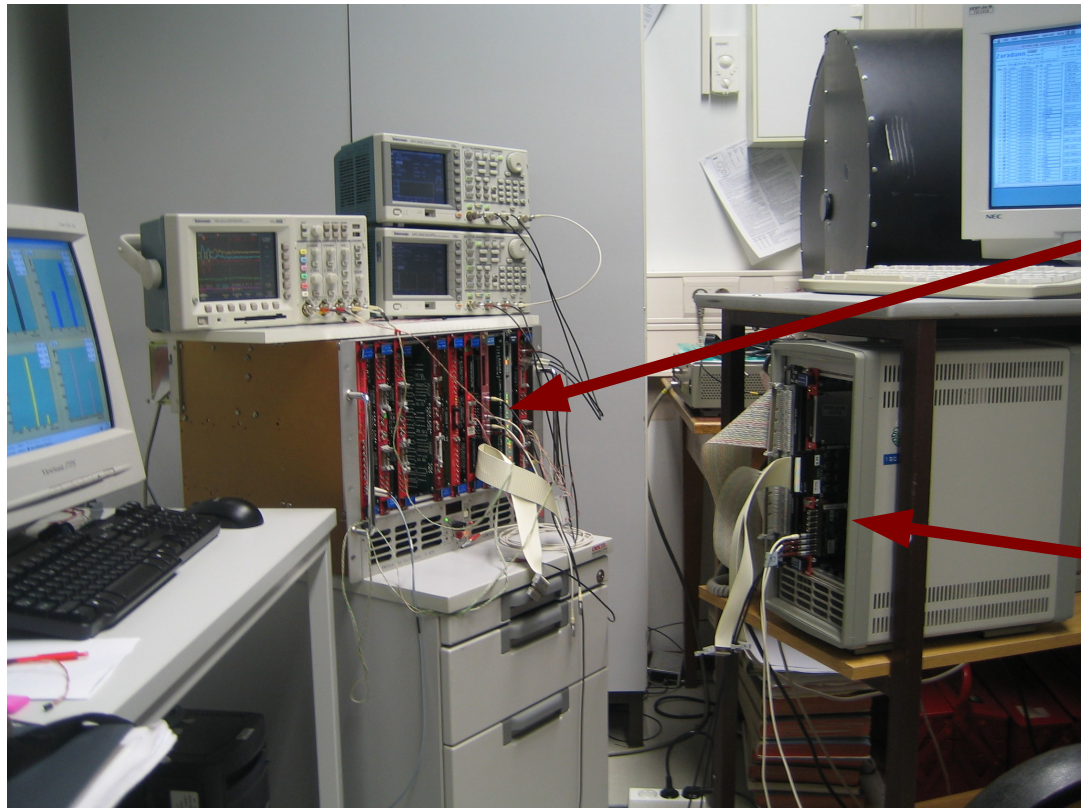
TDC status

HARDWARE

•A full TDC readout setup at Zeuthen with following elements:

* Crate
  * TDC board (v767)
  * ECL discriminator
  * Scalers

* Additional equipment for testing purposes:
  * pulse generators,
  * LHC beam emulator

SOFTWARE
Basic software for DAQ and data analysis

TOPICS CURRENTLY UNDER STUDY
* Data rates (max. Hit rate without losses of information, double Hit resolution...)
* Handling of data