



Beam Test and Irradiation Plan

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Beam Test 2012

- Two weeks requested at CERN SPS H6 line
 - Test of un-irradiated samples (CERN)
 - Irradiation (gamma at Co-60 Source in Belgium)
 - Test of irradiated samples (CERN)
- Aim:
 - System-test of DAQ system based on Linux/Root.
 - CO₂ cooling
 - Test final trapezoidal DSSDs

Gamma Irradiation

- Testbeam this summer planned for two weeks with one week break
- Gamma-Irradiation in Mol (Belgium) foreseen
 - To less than 70MRad than last year ;-)
- DUTs: Final Micron DSSDs



Neutron Irradiation

- Nuclear Reactor in Vienna shuts down from April to December 2012
- We got a slot on 29. Feb to 1. March to irradiate
 - HPK Baby DSSDs
 - Micron Baby DSSDs
 - Max sensor size limited to irradiation capsule (cylinder: length 10cm, diameter 2,5cm)

