



Testbeam in January 2013

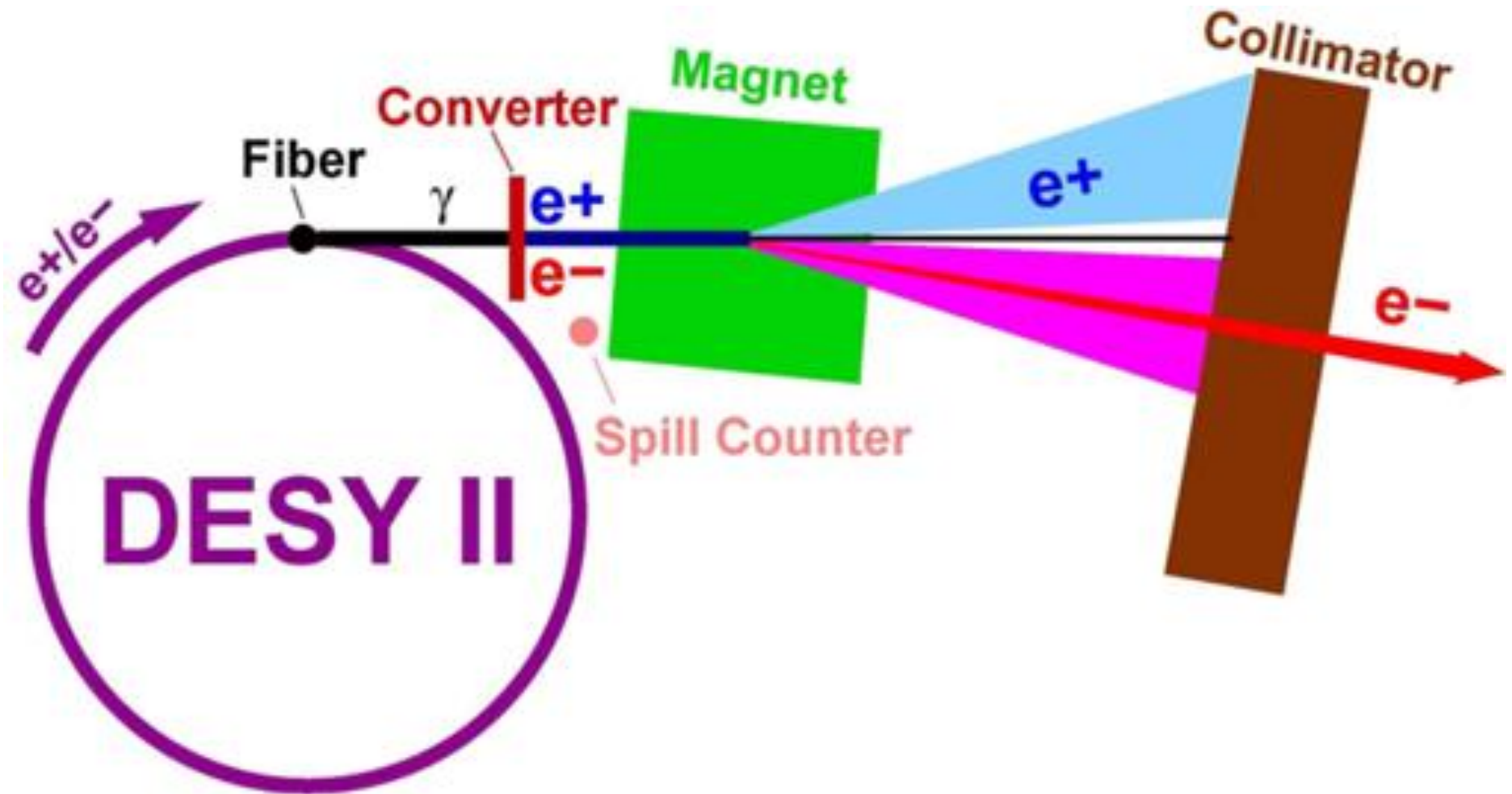
Time: 2 weeks, January 6 - 18

Goals:

1. Test and characterisation of a complete BCM1F module
PCB with a two pad sensor
see signals, spectra as a function of HV, S/N, homogeneity, edge effects
telescope planes before and behind DUT
2. Test of the sapphire cube
read-out of 4 channels, find signals, S/N, channel-by-channel variation
telescope planes before and behind DUT
3. Test of a multi-layer (multi=4) BeamCal (and LumiCal) prototype
Signals from pads, S/N for a few pads, shower recording for a few configurations.
telescope planes in front of the DUT
4. Parasitic test of a BHM module (may be done together with 1)



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Available equipment:

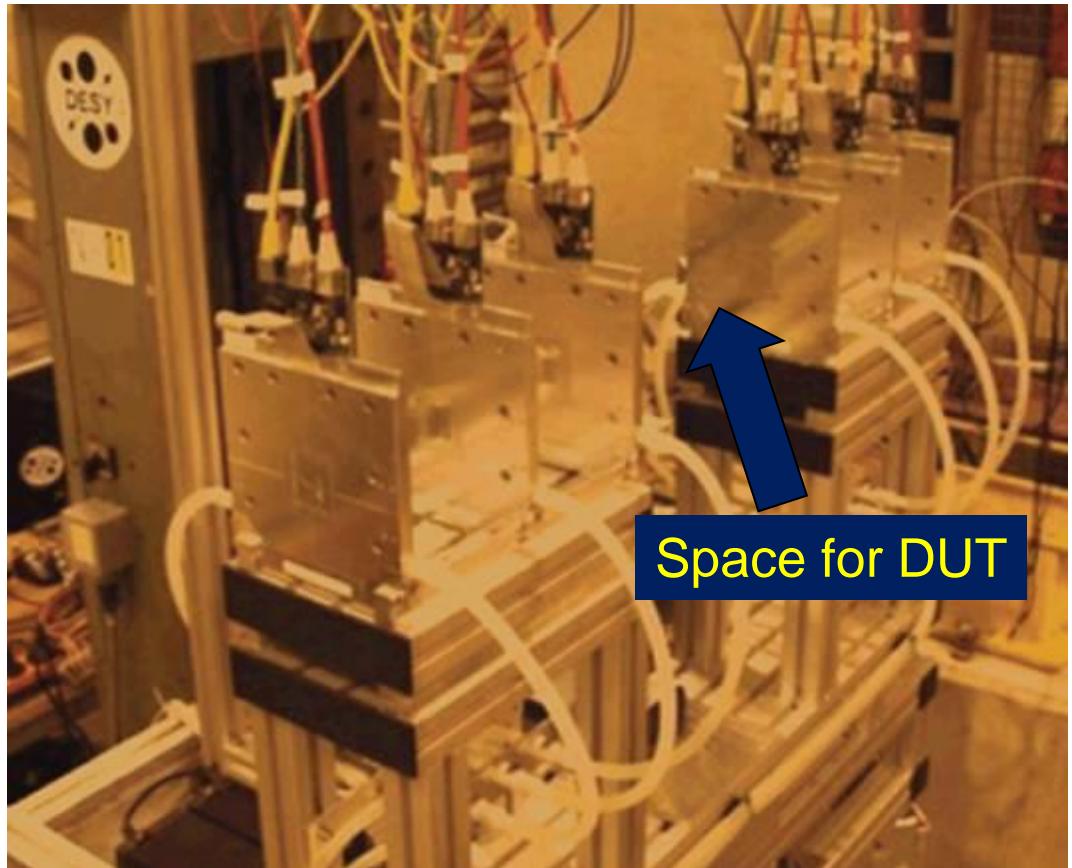
EUDET Telescope

6 planes of pixel sensors
10 x 20 mm²

Spatial resolution: $O(10\mu\text{m})$

TLU

DAQ: Eudaq, Icio format
output





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Responsibilities:

Whole undertaking: Sergey

Telescope: Olena

BCM1F module: Maria

Sapphire cube Olena

FCAL Lucia

Hardware & Trigger: Wolfgang La., Hans



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Additional people needed:

Experienced:

(Szymon), Itamar, Veta, (Olga, Maria-Elena), Konstantin, Leszek (AIDA money)

Non-experienced: Jacub, Jessica, Elena (from Bukharest), Roberval

Altogether we need 6 people per day on shift.

So far we have 14-17 in our list.

Leszek has another list of 17 people



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Szymon is needed to prepare FCAL, Olga and Maria Elena may be helpful for the preparation of data taking at the beginning (Olga) or occasional (Maria Elena)

Hence we are left with a kernel of experienced people, staying most of the time:

Itamar, Veta, Konstantin,

Non-experienced: Jacub, Elena (from Bukharest),

About 2-3 more staying the whole time are welcome!

It makes no sense to exchange too many people during the run!



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DESY people involved

Hans Henschel (TLU, synchronisation)

Maria Hempel (sensor preparation, DAQ, organisation)

Olena Karacheban (Beam Telescope readout, data validation)

Wolfgang Lange (readout, detector box, shifts)

Jessica Leonard (DAQ, organisation)

Wolfgang Lohmann (shifts)

Sergey Schuwalow (area preparation, alignment of the detector inside the telescope)