

Minutes UFO Meeting

Date of Meeting
10th June 2011
Matthias Balzer

Participants

T. d. S. Rolo, Tomas Farago (ISS)
M. Balzer, U. Stevanovic, D. Hillenbrand (IPE)
M. Vogelgesang, S. Chilingaryan, A. Kopmann (IPE)

Topics

1. Minutes of Last Meeting

The minutes of the previous meeting (23/05/11) were put on the TRAC system and have been approved.

2. Status Camera Characterization

IPE Lab

U. Stevanovic reports about the common activities of Matthias Vogelgesang and him. They study the dark noise of the IPE CAM and pco.edge cameras. Stevanovic provides slides about the results. Until now only 90 rows can be read at once out of the IPE CAM. Some questions and remarks are coming up and should be answered:

- Adjustment of exposure time
- Handling of dark pixel
- Influence of gain and exposure time
- Possible disturbance of the IPE CAM fan and possibility to read out FPGA and sensor temperature

Rolo will characterize the Photron camera next week.
(See TRAC for slides)

Detector Lab

Rolo reports the delivery of light source, regulator. Installation has to be done.

Beam Line

Until now no proposal is been written for beam time. Rolo has the opinion that all measurements for characterization should be done in the detector lab.

3. Status Mechanis image Beam Line (Tomy d. S. Rolo)

Rolo had not time for preparation. The talk is given at the next meeting.

4. Status and Outlook Outer control Loop (Vladimir Reznichenko)

Reznichenko is not present.

5. Misc

- Simulated data
Tomy has developed a data generator for development and improvement of online algorithm. He remarks the difficulties to filter Poisson Noise.

- Rolo says the server cabinet arrived. The installation of the server at the TopoTomo beamline can be started next week.

5. Main Topic and Date of Next Meeting

Topics 3 and 4 of this Meeting.

The next meeting is on the 1st July 2011 in Building 329, Room 305 at 14:00 (s.t.).