

Minutes UFO Meeting

Date of meeting
6th May 2011
Matthias Balzer

Participants

T. Weiss (ISS)
M. Balzer, U. Stevanovic, M. Caselle, D. Hillenbrand (IPE)
M. Vogelgesang, S. Chilingaryan, A. Kopmann (IPE)
S. Tsapko, E. Reznichenko, V. Reznichenko, Michael Sukodoev (TPU)

Topics

1. Minutes of Last Meeting

The minutes of the previous meeting (11/04/11) were put on the TRAC system and have been approved.

2. Short Status Report about IPE Camera

Michele Caselle starts with his presentation about the hard- and software status. He emphasises the very good cooperation of the involved person. Uros shows in his talk the first pictures and the influence of different parameters and temperature.

The talks are uploaded on TRAC.

The next steps are the mechanical setup for the IPE camera (Michele) and the implementation of the fast DMA interface into software and FPGA (Suren, Matthias V. and Uros).

3. Talk about Noise Reduction (Elena Reznichenko)

Elena gives in her presentation an overview about different denoising algorithm. She explains the results and the steps of the Non-local means algorithm (NLM). It is discussed the possible change from float point to fixed point calculation. Elena should check the impact on the results. If the impact is not important, further investigation on FPGA implementation will be done. (Talk is available on TRAC).

4. Misc

- Yearly Project Report
Matthias Balzer informs the colleagues that the report is transmitted in time (27th April) to the DESY-PT. He thanks to all involved persons.
- Detector Characterization
Three cameras should be characterized in a short time period:
 1. Photron (Tomy?)
 2. PCO.Edge (Matthias Vogelgesang) Start time CW 22!
 3. IPE Camera (Uros Stevanovic)The people behind the cameras are responsible for measurements in the detector lab. It is not clear, when the access on the detector lab is possible. Tomy should provide this information.
- Possible master theses should be put on TRAC system.
Matthias reminds the colleagues to upload the descriptions on the TRAC. Some descriptions are present on TRAC.

5. Main Topic and Date of Next Meeting

Matthias Vogelgesang will show the status of software framework.

The next meeting is on the 23rd May 2011 in Building 242, Room 413 at 14:00 (s.t.).