

Minutes UFO Meeting

Date of Meeting
1st September 2011
Matthias Balzer

Participants

T. d. S. Rolo, T. Farago, J.-T. Reszat, Thomas van de Kamp
M. Balzer, S. Chilingaryan, M. Vogelgesang, C. Buchwald
M. Caselle, U. Stevanovic, D. Hillenbrand, C. Brugger (IPE)

Topics

Thomas van de Kamp is introduced. He will start his activities at the 1st October in the UFO project. He is a scientist in biology and will mainly work in the application field "Life science".

1. Minutes of Last Meeting

The minutes of the previous meeting (17/08/11) are available on the TRAC system. Matthias Balzer gives an overview about the last meeting. Action list is appended to this document.

2. Status investment money (Buchwald)

Christiane Buchwald explains the personal and investment money of Campus South for the UFO project. The remaining investment budget for 2011 is around 30k€.

3. Micro-Engines for Flexible Data-Flow Processing (Christian Brugger)

Christian Brugger presents the activities about micro engines for realization of more complex computation units. The aim is to the evaluation this architecture and implementation of this flexible data flow processing units. (See TRAC for slides).

4. Misc

- **Online Compression (Uros Stevanovic)**
Uros shows in his presentation the feasibility of an online compression algorithm. This algorithm is implementable on FPGA and the compression factor is at least 2.5. (See TRAC for slides).
- **Server Installation (Tomy, Suren)**
This action is still not finished.
- **UFO camera survive test (Tomy, IPE Crew)**
The UFO camera should be tested in the TOPOTOMO beam line on Tuesday. The reliability should be tested.
- **High Speed Camera (Tomy)**
The PCO.Dimax camera is ordered.

5. Main Topic and Date of Next Meeting

Status founding money of CN (Walter)
First result about "Fast Reject Algorithm" (Vogelgesang)

Next Meeting 22nd September 14:00 IPE 242 Room 413

Action:

- Meeting with IT-ISS in September (Wolfgang Mexner, Matthias B).
- Hand over from Vladimir to Tomas Farago (SW, HW, Sources and Documentation) until 26. September
- Commissioning schedule (Tomas) until 26. September.
- Implementation by Uros of fast reject algorithm into FPGA of IPE camera (end of October). Feasibility about the system requirements for higher frame rates (5kfs) in parallel (Uros).
- Realisation of temperature control depending on delivery of potentiometer until end of September (Michele).
- Installation of Server and optical cable at ANKA until 22. September (Suren, Tomy).
Feedback to PCO about optical "Camera Link" cable.
- Test of UFO Camera in TOPOTOMO hutch until next meeting (Tomy, Michele).