A short summary from the 23rd Hardware WG Meeting:

1. I have presented a summary of FCAL activities in AIDA-2020, shown during Annual AIDA2020 Meeting last week.

- to build a very compact prototype of forward calorimeter, we need precise mechanical frame and tungsten plates, and thin detector module

- we have important milestone to achieve in April 2017

- the weakest point in development of thin detector module is the back-end electronics board - to fulfill the milestone we need to find expertise

human resources for this in the following few months

2. Sasha (Aharon) presented the status of the 2014TB paper - possibly to be submitted as Technical paper to JINST

- missing(not yet completed) parts

-- S/N section (Jakub, Marek)

-- Moliere radius section (Itamar, Sasha)

-- probably also telescope section...

- Sergej started the discussion about author list, pointing that people who prepared the telescope, which are not part of FCAL, did a lot of work and

should be considered to sign the paper

-- all comments were in favor, and we should take a decision by the

next S&A meeting

- first draft of paper should be ready by next S&A meeting

3. Yan presented various issues related to our next test-beam

- one of the goals will be e/& identification

- works on sensors, envelopes, readout are proceeding well

- various components will be needed at DESY from CERN, TAU, DESY - at the moment there is not problem

- about 10 people are needed and we are almost there (VINCA was not present and should estimate possible participation)

- Leszek and Yan are responsible for request for AIDA-2020 TA funds

- there is number of open questions which should be discussed by next S&A meeting - Sergej will send again the email about

Marek