A short summary from our 10th FCAL Hardware WG meeting:  
1. Strahinja showed first simulations results of last FCAL testbeam, done with DD4hep  
- very good, it seems to work well !  
- first comparison of the simulated average deposit in layer with Itamar's data analyses shows quite good agreement  
- DD4hep and Lucas results are not far, but need some more work  
- additional features like adding X,Y beam distribution would be useful as a next step  
2. Sasha showed the progress in development of LumiCal detector module with APV readout  
- qualitatively the chain in working, signal is seen - good!  
- more quantitative measurements would be needed if one want to put it in the beam  
- APV pros: 128 channels; APV cons: only 8 MIPs linearity - we should discuss whether it could serve during the testbeam ... ?  
- TAU will also try the module with VMM2 readout which has much higher input range  
  
Discussion:  
- I proposed to try to have the "almost final" data analyses (at least for the most important distributions) before the end of July  
- Itamar said that he has almost achieved the above goal, while Veta and Jakub still need some more time  
  
Next HWG meeting: the date was fixed for 16th of June at 4 pm (CERN time)  
Few points for the next meeting:  
- Itamar will present a complete set of his (almost) final analyses  
- we hope to hear something from Veta and Jakub as well...  
- we should start discussion about the next test-beam  
- and of course any other progress/update is welcome  
  
Best Regards,  
  Marek