

AX-PET DAQ/Analysis meeting
22/7/09

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Agenda:

- Measurements still to be done with Module1
 - Plans for Module2
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Measurements/Actions to be done on Module1

- Check motion control
- Multi- γ source + intrinsic radioactivity ; both sparse and serial ; extrapolate to zero counts (to complete the comparison serial vs sparse & pedestal definition)
- Z-scan (1 crystal) : 52 points / 1.6 pitch
- Y-scan :
 - a. along one odd WLS
 - b. along one even WLS
- Calibration ADC - Npe
 - with CAEN VME ADC : $ADC \Leftrightarrow Npe$
 - Thr (5 pe?) = ?? ADC
- Threshold settings study (from data already taken; which is the best thr setting???)
- Correspondence ADC counts \Leftrightarrow THR [mV]
- LYSO energy calibration (big tagger / source closest to the tagger)
- External trigger :
 1. timing adjustment (timing must be given by LL LYSO sum)
 2. S/H tuning (with ext. trig - to be compared with int. trig)
 3. Delay scan (Hits efficiency VS Trigger delay)
- "Ultimate" scanning (all module, YZ)

Plans for Module2

- tentative schedule : start installing Module2 in Bld304 in 2 weeks from now (starting from 3 Aug)