

## Detector Group Meeting 30 August 2013

### Minutes

**Meeting Date**

30 August 2013

**Location**

Skype

**Chairman**

Richard Hall-Wilton

**Secretary**

Thomas Kittelmann

**Attendees**

Anton

Carina

Scott

Kelly

Luis

Richard

**Apologies**

none

### 1. General news and Delegation (Richard)

- Things are very busy at the moment, and there will be quite a few changes over the coming weeks. This meeting is essential to hold regularly - lets keep it effective.
- We need another JAMBOREE, but finding a date is a problem. Similarly, an advisory panel meeting needs a date set.
- As indicated by the email just prior to the meeting, Scott is confirmed as deputy group leader. Luis is deputy work package manager. Quite a few other tasks are likely to be delegated over the coming weeks.
- In general things are going well. However, on specifics, there is a significant administrative headwind.
- Budget 2014 and planning 2014 are present hot topics. Preparation for the review and a updated plan 2013-2025 will become hotter. For the review, we have no detailed guidance what to prepare yet.

- At the SAC, it was decided there will be a presentation on detector strategy at the next SAC in February. Detector strategy document under construction, for sharing with ILL and RAL, as response to directors meeting at ICNS.
- IDU In-kind: Norwegian signed. Italian: sent to CNR. German: about to be signed?
- Administratively you should expect that the salary increases, roles and responsibilities, time reporting (got worse), TAs are upcoming. Emails to follow.
- Also upcoming is the meeting about spinouts/caress, the tender deadlines, EOIs, RD51 meeting and HEPTECH meeting. We are now members of RD51 collaboration@CERN.
- Regular weekly meetings on SNS trips started by persons going. 2 happened so far. TWIKI becoming actively used.
- Tender for enriched 10B4C targets for IN5 demonstrator placed.
- Plan for upcoming purchases in next 3 months.

Group General Priorities at the moment are:

- Labs (M/E/D/T/IFE/S) {getting, equipping, using, developing}
- IN5 demonstrator
- SNS background evaluation
- SANS prototype
- and papers submitted before November!

## 2. Agenda.

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**AGENDA** (Strictly: no item longer than 10 min. Longer items must be taken offline).

- Welcome, apologies.
  - General News (Richard)
  - News from all.
  - Date of next meeting and AOB
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## 3. Scott

- P2 type grids (20 of) received back. Look ok.
- IN5 type grids, getting alternative design prototyped. Drawings made now, then sent to manufacturer. End Sept?
- Lab 202 full and "running" - E lab
- M-lab - lots of work to get this running now. Keys received.
- Talking to instrument scientists about electronics. Will summarise this in requirements documents.
- For final ESS site, lots of work on rooms, staging areas and layout of labs with Michelle.
- Proposal for demonstration DAQ system with DMSC and ICS. This will take place post-feb.

#### **4. Anton**

- Busy with proc from NOPD - it will be IN6 paper.
- Comments on gamma paper received. Probably ok ...
- 2 weeks of writing for these 2 papers.
- Not too much happened on measurements on alpha at ILL
- Test tube detector wasnt successful. Had too much background itself.
- expect real test from 12 frame prototype.
- No beam at ILL now for 1 year.
- Will initiate student project at KTH on alpha. Start with a small project on the viability.
- IN5: not so much news. Vacuum vessel ordered, but it is not vacuum certified. Cant test in vacuum with it.

#### **5. Carina**

- Mewlude has a presentation at euroCVD next week.
- Diploma student had his presentation today. Did a great job.
- ERDA of irradiated sample. As expected.
- Preparing paper on the radiation damage tests now.
- Gd stuff: need another deposition run of experiments. Not scheduled yet.
- SAMSON - have 3 weeks starting 23 Sept. Soon. What is needed?
- New pure Al blades are on the list.
- Lars has left for SSF, Jens has taken over. There was the first group meeting last week.
- Next SAMSON run will be at the end of the year, after a large upgrade. Mostly for IN5 depositions.
- Upgrade on SAMSON will be the whole of November.

#### **6. Kelly**

- Lots of detectors tests ongoing.
- There will be a week in Norway setting up, and testing when back off holiday.
- Source has been available at maxlab, and has been used for testing the copper tube detector.
- Data looks good.
- Has a meeting at IFE, w/ Carsten/NO - on preparing the R2D2 beamline.
- IFE will come up in a few days.
- Will be occupied with testing with beam for Sep / Oct ...

#### **7. Luis**

- Much work on procurements.
- Tender closes on 9 Sept.
- Need to get procurement for the rest of the year into the system.
- IN5 orders will become critical to get out soon.

- Will start to focus on equipment for Linköping deposition lab soon, so that they arrive in time.
- The report on patentability has come. Need to decide how to proceed.

### **8. Thomas**

- Vacation!
- Have been working on simulation for specific projects:
- also defined the geometry for the general geometry / all geometry of tube forms.
- Cu tube for Kelly
- advanced with the DMSC simulation cluster.
- Working towards CHEP (also IEEE) posters and procs.
- Parallel and after - in contact with NXSLIB program author - who is happy to proceed with a short paper.

### **9. Items that need additional meetings organised;**

- IN5
- Jens
- ILL@end Sept? Search for dates.

### **10. Next Meeting and AoB:**

Friday, 6 September, 3pm. Skype. Thomas to initiate.  
Scott and Kelly already presented their apologies.

**Verified by**

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