

**AGATA Collaboration Council Minutes, EGAN meeting Orsay
27th June 2012**

In attendance: John Simpson (Daresbury, Chairperson), Andy Boston (Secretary), Helen Boston (Liverpool), Andres Gadea (AMB), Juergen Gerl (GSI/TU Darmstadt), Rauno Julin (Jyvaskyla), Silvia Lenzi (Padova), Nicolae Marginean (Bucharest), Joa Ljungvall (CSNSM), Johan Nyberg (Uppsala), Oliver Stezowski (Lyon), Gilles DeFrance (Ganil), Adrianna Nannini (Firenze), Daniel Napoli (LNL), John Smith (UWS), N. Erduran (Istanbul), Wolfram Korten (CEA Saclay), Emmanuel Clement (GANIL), Gary Simpson (LPSC), Peter Reiter (IKP), C. Theisen (CEA Saclay)

Apologies: Dominique Curien (Strasbourg), Vicente Gonzalez (Valencia), Phil Walker (Surrey), Benedict Million (Milan), Norbert Pietralla (TU Darmstadt), Adam Maj (Krakow)

Introduction

The minutes from last time were agreed.

Report on Actions

Ongoing action on ALL: Keep the information on the ACC web page up to date. Supply information on such things as technical publications, student PhD thesis and AGATA presentations to JS.

Ongoing action on ALL: Content in the form of overview presentations has been made available, please add your talks where appropriate. The aim is to provide generic talks with slides for those who need slides for AGATA presentations. JS Bormio presentation has been added to the ACC webpage.

Ongoing action on NIM paper authors: reminder to reference the AGATA technical NIM paper.

Completed action: Circulate the AGATA technical publications policy (Andres)

Completed action: Invite Gretina people to AGATA meetings (Andres)

Membership of the ACC

The following new members were welcomed:

- Emmanuel Clement (GANIL)
- Joa Ljungvall (CSNSM)
- Andreas Heinz (Chalmers)
- Helen Boston (Liverpool)

The latest membership is on the ACC web site http://npg.dl.ac.uk/agata_acc/index.html

Spain + Hungary have officially joined + 4 members of the ACC.

Action John Simpson: Hungary needs a representative B. Nyako be contacted.

AGATA Data policy

A reminder of the AGATA data policy was made.

The ACC chair circulates the data policy to the spokesperson of each experiment. This outlines the expectation of the AGATA community for those using AGATA resources. The AGATA data policy can be found here:

http://npg.dl.ac.uk/agata_acc/AGATA_Data%20Policy.html

Everybody who gets beam time will be invited to give a talk at the annual AGATA collaboration meeting. Brief reports on experiments are required either through this format or with the Proforma which needs to be completed and returned to the chair.

It is also the responsibility of the experimental spokesperson to inform the ACC about publications.

Report from ASC

The ASC last met in GANIL on 12th March 2012.

The following items were discussed:

- Responsibilities of the labs document.
- Detector status
- Report on meeting of lab directors.
- Election of the GANIL campaign spokesperson: ASC agreed Emmanuel Clement will be local project manager for GANIL.
- Operations costs were discussed.
- Policy on scientific publications for Legnaro was defined and everyone will have to follow.
- The AGATA host laboratory after GANIL.

There will be a call for letters of intent to host AGATA post the current agreement with GANIL. Exact dates at GANIL have not been formally agreed by the ASC. Likely early 2016 call for future locations in Europe. **ACTION John Simpson to discuss with Bo Cederwall**

There was a discussion about the timescale of the consultation for this next phase. Our role is to provide a scientific input into this process. The sooner a plan is known the better.

J. Gerl advocates longer campaigns. Noted that the time process to analyse data is long.

Report from AMB

Andres Gadea, reported the structure of the AMB and teams. The appointment of the Technical coordinator is still outstanding

Detector status:

- 32 capsules purchased. No new orders have been placed in the last 24 months. Funds for 3 new capsules and 1 ATC are available.
- Deliveries are a major issue. There are 10 outstanding detectors with faults, under repair or out of service, there are ongoing negotiations with Canberra to solve these issues.
- There are 21 available, 22 if latest CAT is ok.
- Major maintenance of demonstrator capsules and ATCs has been completed.

Electronics:

Early phase 1 is ongoing. 15 -> 25 capsule system. Issue with the ATCA carriers due to obsolete components.

Future electronics R+D: Cost reduction is a clear motivation. There are two competing future solution from France and Italy. Padova is advanced with R+D. A process to agree the way forward will be started.

DAQ:

Installation of new computer farm is completed and successful. New version of Narval is installed. Event builder is still to be installed. There are still issues to be resolved with the Network and GRID access at GSI.

Infrastructure:

Almost all components installed. Autofill issues almost resolved. HV R+D postponed. Mechanical structure completed.

PSA / Tracking Data / Analysis:

An additional PSA algorithm based on the particle Swarm Algorithm will facilitate multiple interaction identification in a segment. The performance of new (and existing) algorithms will be assessed as part of the technical commissioning phase at GSI.

A new version of Gammaware has been made available.

A further EGAN data analysis school will be organised in GSI in Q4 2012.

Commissioning & Simulation:

The technical commissioning phase at GSI is in progress. The first phase commissioning has been successful. Second block will be the 1st week in September.

Simulation work has commenced for the future GANIL campaigns.

Questions from the ACC to AMB

Wolfram Korten: the issue of leakage current needs a permanent solution. Warranty on detector prior to 2011 is the issue.

Peter Reiter gave a brief update on the delay in delivery of existing detectors and Jürgen Eberth collaborative work with Canberra which is covered by a non disclosure agreement.

Daniel Napoli: Efforts to fix the issues (production problem) are not sufficient.

G. DeFrance: Asked for clarification on the status of the new electronics, and how to proceed?

Andres commented: The specs will be distributed; the AMB and external referees will need to make a recommendation. One of the solutions will not provide a solution to 2015.

Campaign spokespersons:

There was a brief summary of the campaign spokespersons for the previous/existing campaigns and the future spokesperson(s) for GANIL

LNL: Sean Freeman, Andres Gadea.

ACC draft minutes (27/6/2012)

GSI: Wolfram Korten and Mike Bentley (Prespec) -> D.Rudolph

For the GANIL phase the results of the ACC vote is in (36/39 voted).

The ASC will now need to make a decision on how to proceed. The question is whether to have one 1 or 2?

John Simpson to inform ASC chair Bo Cederwall of the outcome of the vote. ASC will make the appointment then it will be announced. **ACTION John Simpson**

Publication policy: Scientific papers from the Legnaro campaign

The AGATA physics paper publication policy was extensively discussed. The ASC decision to go for a list of core authors need to be on every paper (156 people) was communicated.

You will need to sign up to be on particular papers. ASC asked ACC to administer this policy. Web based system.

Point from the discussion:

- Are the 156 people aware?
- JG: Every paper has to go to ACC?
- WK: This is Physics
- PR: People should be aware of their contribution to this publication. Need to define a period of month (for example). Then goes to a journal.

If you don't agree with the paper, you should be able to say no (I'm not part of it), not be able to provide comments. Any physics paper out of the commissioning runs should also go through this route.

The procedure of implementing this policy is to be defined.

Core author list now needs circulation; John will circulate for the ACC.

ACTION John Simpson

Web pages

Please update. **ACTION ALL**

Comments were invited on the AGATA day at EGAN meeting format. Question: do we want to have a lot of reports on the status of experiments?

General responses:

- EGAN workshop links are good. Encourages the excellent attendance and a wider audience for the presenters.
- There was a suggestion to have two days for this. This will help provide more time for LNL and GSI feedback.

Future GANIL Campaign

There was a discussion of the timescale for defining the science programme at GANIL.

Emmanuel suggested an AGATA week dedicated to Physics at GANIL at the beginning of 2013 (similar to the Istanbul meeting for LNL Physics).

General questions and comments:

- G. DeFrance, communicated the need to define the setup we need in GANIL. This is required for input info to GANIL scientific council in order to given the opportunity for the GANIL council to feedback. There are constrains from GANIL in 2014 – when beam is available.
- Wolfram Korten commented on the second part of the campaign in GSI. The campaign will be in late 2013. Not urgent to have a PAC by end of year. Call for LOIs? Should it be while running the campaign or subsequent to this? PAC in March?
- Daniel Napoli posed a question on the last block of GSI campaign 2012, need to know the programme of the measurements in Q3 2012 (end of August). Need to know for money reasons. Jurgen Gerl responded that the information will be available by end of July (2 month before the start of the next block).
- Daniel Napoli posed a question: on timescale as discussed at AGATA week. JG GSI start in October 2013 – not official yet. Could run for 6 months AGATA/HADES. Can all runs fit before December? A lot of uncertainty. No beam to for 12 months.
- Wolfram Korten: When is the next directors meeting? Silvia Lenzi proposed end of year.

Meeting closed.

Minutes taken by Andy Boston.