

Summary of Collaboration Board

GERDA Collaboration Board Meeting
10-11-2008, LNGS

- 1) Approval of Agenda
- 2) Approval of Minutes from previous meeting
- 3) News
- 4) Update on schedule
 - a) News from LNGS&subgroups
- 5) Updates on finances
 - a) Summary of Common Fund – author list: P. Grabmayr
 - b) Common Fund - status of fund: M. Junker
 - c) Financing of 2nd plastic scintillator veto
- 6) Phase II
 - a) Report on discussion with Canberra (S. Schoenert)
 - b) Acquisition of additional ^{dep}Ge for tests
 - c) Discussion – how to proceed in evaluation of PPC detectors
- 7) Phase III
 - a) S4 process – GERDA/institutional participation
- 8) Inauguration
 - a) Dates
 - b) Organizing committee ()
- 9) Status IGEX cryostats (L. Bezrukov, S. Schoenert)
- 10) Dates & Locations of upcoming meetings

Nov 10-12, 2008	LNGS	fixed
Mar 11-13, 2009	Padua	fixed
June 15-17, 2009	LNGS	(RE)fixed
Sep 28-, 2009	LNGS + Inauguration	
- 11) AOB

A. Caldwell, 11-11-08

1. Approved agenda
2. Approved minutes
3. News: Tübingen received additional funds from BMBF (60 kEuro), of which about 35 kEuro can be used for investments
4. Schedule:
 - a) LNGS
 - water drainage pit excavation starting next week (LNGS assigned required funds)
 - Ventilation pipe – discussion tomorrow with LNGS Directorate, funds from GERDA may be necessary
 - Explosion proof doors – finish removal in next ten days
 - Approval for water drainage pending – plan for how to proceed proposed

5. Update on Finances

- a) P. Grabmayr summarized the author list for the 2008 Common Fund. There are 97 active GERDA members, with 42 'paying members'. Cost is 1 kEuro/per, although there are constraints from different sides (fixed amount from BMBF institutes, e.g.)
- b) All funds for 2007 transferred (not all on GERDA Common Fund account, but located).
- c) Financing for second layer of scintillator veto. Motivation is removing gamma background rate. Dubna has resources this year to purchase the scintillator for a second layer. Resources (Geel/Tübingen) found to cover the PMT's+fibers

6. Phase II

- a) Report on discussion with Canberra – after initial results with BEGe detectors, Canberra contacted about possibility to develop crystals+detectors for GERDA. First meeting took place during IEEE in Dresden, with M. Morichi (VP Research, Innovation, Technology & Products), M.-O. Lampert (Canberra-France) + ... from Canberra. They expressed interest to work with us, also potentially on n-type detectors. Also expressed interest in R&D collaboration with IKZ. Second discussion with J. Colaresi (VP Detector development), L. Darken (Oak Ridge) where emphasis was put on p-type detectors. We have asked for an offer specifying cost/yield to produce PPC (BEGe) detectors.

- b) Acquisition of additional depleted Ge is considered important, since we want to have material with same chemical history. Indication from Canberra is that ca 20 kg is needed. Quote from ECP received. Will proceed with order (Tü+Dresden) provided we get interesting offer from Canberra.
 - c) How to proceed on evaluating p-type detectors (see discussion this afternoon). Milano has ordered a second detector from Canberra-Olen.
- 7) Phase III – S4 call is now out. We revisited the discussion on GERDA vs Institutional participation in the S4 process, and had the same conclusion as last meeting – institutes should decide individually.
- 8) Inauguration – we want to have an inauguration for GERDA with the following constraints:
- Should be reasonably sure detectors can be lowered, signals seen
 - Weather should be good
 - Join on to collab meeting so everyone can participate (Sep 09)
 - Organizing committee will be formed

9) Status IGEX cryostats (discussion between F. Avignone and former IGEX members from Russian groups). Exchange of enriched Ge for cryostats will take place once formal conclusion of IGEX takes place.

10) Dates & Locations of upcoming meetings

- Next meeting March 11-13, 2009 in Padua
- June 15-17, 2009 LNGS (**moved up one week**)
- Week of Sep 28, 2009 (**including inauguration**)
- Majorana meeting Jan 17-19, 2009 in South Carolina
- AOB: organigram MPI-K rep is Hofmann/Lindner