

News

Referees and plans

We meet referee last week;

The project progresses were positively evaluated and the big effort in the right direction was appreciated;

Given the new situation I think we should focus on finalise al “software” and “paper” works:

- analysis in AmBe data;
- analysis of simulated data;

Study with the simulation the performance of CYGNO in different background scenarios (GSSI).

Contact people working with low radioactive Plexiglass, Cupper, quartz-glass, and camera and understand how to get it;

Shopping

- New HV-GEM+Crate
- Redell cables and connectors
- Camera ORCA Fusion
- Optics (possibly not radioactive)
- PC for DAQ + PC for slow control
- HV cathode (spare)
- 3 Switches for LNGS
- Gas (LNF + LNGS)
- Chiller
- Electronics VME (LNF + LNGS) - Lista Francesco
- Sensors for environmental parameters

Publications

- ▶ Solar neutrino proposal ([Elisabetta](#))
- ▶ Nuclear recoils in CYGNO, with head-tail ([Emanuele](#))
- ▶ Tracking performance at BTF ([Giovanni+Luca](#))
- ▶ Electroluminescence ([Davide](#))
- ▶ Comparison of performance 60/40 and 70/30 with ^{55}Fe +PMT ([Igor+Rafael](#))
- ▶ Effect of filters on CYGNO images ([Brazilian team](#))
- ▶ The Cygno Experiment ([Davide](#))