

TITAN-EC telephone conference

Minutes

July 12, 2010

Present: Dieter Frekers, Annika Lennarz, Thomas Brunner

Annika is the new grad student who will work on the TITAN-EC project. She will be in Vancouver from Sept. 1st until Sept. 22nd to test and calibrate the Si(Li) detectors. This will take place at SFU.

Dieter will arrive in Vancouver between Aug. 25 and 29 and probably stay until Sept. 14. Next year (2011) Dieter will be at TRIUMF from February until October.

The delivery date for the first detectors is the beginning of September. They will be tested in Corina's lab at SFU. An open question is if a VME crate is available in this lab. An 8-channel 1keV ISEG SHV module has been ordered but the delivery time is 8 weeks. If the module doesn't arrive in time Dieter can provide a module for loan.

In order to digitize the detector signal with minimal losses, the pre-amp signal needs to be decoupled capacitively. All the parts for this are available at TRIUMF and we will assemble such an adapter before the detectors are delivered.

Open questions/tasks:

- What sources are available at TRIUMF? Can they be transferred to SFU? (A discussion with Joe Mildenberger after the telephone conference concluded that it is no problem. A person responsible for radiation protection at SFU needs to request them and needs to provide paperwork about the storage of the sources at SFU.)
- Is Corina's lab at SFU classified to use radioactive sources? Are there special sources that should be ordered? The status of the lab should be discussed during the next telephone conference.

The next telephone conference is scheduled for Aug. 2nd. Since this Monday is a statutory holiday in BC the meeting has been rescheduled to Aug. 9th, 8:00 PST/17:00MEZ.