

Minutes of the TITAN Meeting

Held on the 17th of June 2008

Present: Jens Dilling, Maxime Brodeur, Christian Champagne, Paul Delheij, Melvin Good, Stephan Ettanauer, Alain Lapierre, Ryan Ringle, Vladimir Ryjkov, Savanna Shaw, David Lunney.

MPET

- Installation of the Daly detector next week (Tuesday – Thursday)
- Vladimir will continue his systematic runs until next Monday
 - Magnetron excitation, with dipole cleaning (2 days)
 - Other systematic (few hours each)
- Maxime will check the recovery time of all the three Lorentz steerers.

EBIT

- Alain will be on vacation next week.
- Once back, a series of task will be done
 - Pumping down the EBIT
 - Optimization of the electron beam
 - Install a profile monitor in the EBIT beamline
- Further down the road, the EBIT will be connected to the EBIT beamline after the optimization of the electron beam is completed.
- Alain will provide a list of remaining tasks needed to be performed on the EBIT for Jens for the next meeting about beamtime allocation.

Controls

- Paul has a list of changes to perform on the controllers of the RF generators.
- Will do them during the opening on the beamline next week (Tuesday – Thursday)

RFA

- Currently waiting for some pieces at the machine shop and Steve.
- Clean and pre-install the RFA over the weekend.
- Installation of RFA into the MPET line by Monday.
- Perform 4 days of measurements next week (Friday – Monday)

- Christian will make a list of personnel needed during the run and a game plan for the run itself.

Other

- ISAC science forum:
 - Ryan will make a short presentation recapping the latest TITAN run.
 - A list of issues that need to be addressed will be done.
- ENAM:
 - Posters: Ryan, Stephan, Maxime
 - Talk: Ryan (5 min)
- Celebration lunch for 8 He run
 - Thomas will reserve 12 places at Jeremiah's (Alma & 4th) for Thursday @ noon.
 - Thomas will send a confirmation email to everyone with directions.
- Turbopump replacement
 - A turbo in the GPS section (near the Ion source) needs to be replaced.
 - A Channeltron nearby may be replaced at the same time.
 - This will be done during the opening of the MPET line next week (Tuesday – Thursday)
- Papers
 - Vladimir will try to continue work on his NIM paper in parallel to his systematic runs now until next Monday.
 - Mathew needs emittance measurement data for his NIM paper on the RFQ.
 - Stephan will do some measurements with the emittance rig.
 - Ryan will provide assistance to Stephan.