Minutes of the TITAN Meeting
Held on the 8th of May 2008

Present: Jens Dilling, Maxime Brodeur, Thomas Brunner, Stephan Ettenauer, Melvin Good, Alain Lapierre, Ryan Ringle, Savanna Shaw, Mathew Smith, Vladimir Ryjkov.

Beam time

*During the beam time, the frequency for Be-12 was miswritten which led to a frequency search 2 kHz away from the expected frequency (the window was 300 Hz).
*It was suggested to reduce the chance of error by having MIDAS communicate to the AWG, so one would only have to type the frequency range in MIDAS (without having to punch the numbers on the AWG).
*The ionization tube of the laser ion source broke, which abort prematurely our Be run. We manage to get 6 descent 1 Hz Be-11 data and two Be-9 data points at 10 Hz.
*There seems to be frequency shift between 1 Hz and 10 Hz operation. This will be investigate during the next week.

Next beam time preparation

*We want to implement a gate that will only select some species extracted from the RFQ. This can be done by switching one of the steerering electrode after the Y-box section so only beam traveling there in a given small time window will be accepted in the MPET. This can also be used for the EBIT, hence the location after the Y-box. We plan to use the camera trigger from the RFQ to trigger the two switches that will switch the steerer voltage.
*Max plan to optimize the injection in the MPET.
*Vladimir waits for the RF amplifier so he can start to work on dipole cleaning.

EBIT

*Mel is working on the vacuum system.