

TITAN General Meeting

Date: Tuesday, September 25, 2007 Time: 2:30 – 4:00

Chairperson: Jens Dilling

Minutes recorded by: Nina

Present: Jens Dilling, Vladimir Ryskov, Ryan, Ringle, Maxime Brodeur, Mathew Smith, Alain Lapierre, Thomas Brunner, Christian Champagne, Nikolina Ilic

MEASUREMENTS

- The longest runs were 20 hours
- The control system function generator timing was not correct for one of the runs, resulting in a 2ppb/hour frequency drift
- Measurements taken over several days looked good, with the exception of one stray data point (one run), possibly due to a systematic shift introduced when the nitrogen was filled
- The goal is to finish measurements by end of this week/middle of next week
- The possibility of using hydrogen as a buffer gas to measure ^8He was discussed. Dr. Dilling will check on the safety precautions that would be involved.

RFQ

- Still waiting for Dan
- Will open up RFQ possibly by middle of next week, once the measurements are taken
- October 18th is the set goal to try running RFQ in reverse for laser spectroscopy
- Discussed putting in pre-amp to do TOF binning on every MCP

MPET

- Maxime finished the Daly detector simulations, and found that the secondary electron beam is not directly hitting the MCP plate
- One solution was to apply a negative potential to the cone (of the plate holder), in order to straighten out the beam.
- Another option was to shift the MCP holder so that the beam hits it in the right place
- The gate valve Thomas ordered should arrive by October 15th
- There is a proposed design for the 4-channel RF system

EBIT

- Christian finished and presented design for a suitable mesh for the Retarding Field Analyzer
- The possibility of using TITAN 03 for data acquisition was discussed