

## Minutes TITAN group meeting

Thursday, June 17<sup>th</sup> 2010

Present : Jens, Matt, Ernesto, Aaron, Stephan, Benjamin, Vanessa, Usman, Spencer, Tim.

### 1. Status RFQ, laser

- Check with Daryl Bishop the status of TRIUMF switch boxes for YCB3N/YCB3S
- Ernesto/Aaron working on emittance measurements at the polarizer.
- RFQ Manual - > HTML page under construction. Deadline is end of June.
- TCP proceedings : Manuscript submitted as of 11/06/2010.
- Tim is working on the Laser Spectroscopy website.

### 2. EBIT

- Aaron is in contact with Friedhelm for help with EBIT.
- Plans to inject ions into EBIT and see if there is a TOF change due to electrodes.
- Got a quotation from Cryogenic for cold head servicing/repair.

### 3. CPET

- Coating is being tested. Vanessa is looking into getting a time line from company.
- Mel will finish some last pieces (Faraday cup and position of e-gun [Usman's simulation]) before sending them to the Design Office.
- Benjamin and Vanessa are looking into the sequence of electrodes and the resulting fields to be obtained from SIMION simulations.
- More meeting with electronics and control groups will be required for support on the choice of switches and supplies.
- Vanessa's TCP proceedings and INPC poster are under way.
- Usman is working on geometry files in order to start flying ions in SIMION.
- Vanessa to decide whether using a thermal or energetic e-gun.

### 4. MPET

- Mel is putting the last mechanical pieces together.
- Filling the magnet with liquid He.
- Pumping to start tonight.
- MCP detector to be ready today/tomorrow.
- Stephan is fixing the wirings for the feed throughs of vacuum sections.
- Aaron added a "tune screen shot" under MPET e-log. Ernesto and Stephan to decide on which electrodes to be saved in the .snap files.