

## Minutes TITAN group meeting

Thursday, January 27<sup>th</sup> 2011

Present : Aaron, Benjamin, Brad, Ernesto, Gerald, Jens, Martin, Matt, Mel, Stephan, Usman, Vanessa

### 1. Status RFQ, laser (Ernesto)

- 4 kV and 3 kV Belhke switches should arrive next week
- Mel is taking care of the installation of the gas purifier
- YCB3N/S electrodes
  - 1:1 EPICS control finally working (See e-log entry)
  - Dave Morris is working on implementing vacuum interlock for power supplies.
- Phase-locking RFQ clock with TITAN clocks (CPET?).
  - Will prompt H. Hui to implement “proof-of principle”. (RFQ clock and FWD)
- 74Rb write up on its way

### 2. EBIT (Martin)

- Tests will take place until the end of February/early March
- Maintenance will take place (cold head, change HV rack, etc)
- Discussions for the FTI-cyclotron resonance ongoing with K. Blaum
- Martin will be away from 3<sup>rd</sup> to 16<sup>th</sup> of February

### 3. CPET (Brad, Vanessa, Usman, Benjamin)

- Dirty assembly started.
- Problems with ceramic insulators were found. Machine shop prompted.
- Wiring and cabling to follow.
- Off-line setup
  - Waiting for Design Office response
  - Rails for magnet soon to be ordered. Mel will pass specs to Vanessa
  - Gerald proposed use of gas source
- Usman is working on baking the pipe and the cross pieces to establish the activation temperature
- Benjamin is writing up the results of his simulations
  - Tests with the GSI switches followed by tests with electrodes
  - Daryl's switches are due to arrive in February
  - Housing of the switches

### 4. MPET (Stephan)

- Documentation on MPET modifications completed and it is available on-line
- Position sensitive capabilities of MPET MCP being tested
- Future fixes
  - MPET short (new Postdoc)

- High rep rate causes more noise on MCP.
- E-log changes so that entries are automatically saved from time to time
- Analysis meeting (Jens, Aaron, Stephan, Vanessa)
  - Rb data analysis
  - Distribution of datasets from recent experiments
  - Development of new software package (Aaron)

**Next meetings will be on Thurs. at 15:15.**