

TITAN Meeting

Date: Tuesday May 29 2007

Time: 13:00

Chairperson: Jens

RFQ:

Mathew	- Missing in action
Ryan	- pulled out RFQ, re-wired, increased coupling capacitors - RF ~95% of driver capacity now (rather than 50%), but still switches poorly, ions will still come out. - After put back in, pump (500) failed. To be fixed here ~ \$1200

MPET:

Ryan	- turbo controller, iron cables done now - electron gun installed by end of next week?
Mel	- Vacuum commissioning - Clara done by Wednesday, so Roughings done by Friday
Vladmir	- wiring cables (1/3 of all wires done) - precision trap finish by tomorrow, rest of electrodes need 1 – 1 ½ day more - Next week, penning trap wired on platform - Right now, no cable tray (better do cabling after trap in place) - Plan such that tray able to swing – can we do better than just cable ties?
Alexei (RFdriver)	- short term plan: simplified system ready by August - long term plan: only need additional amplifiers to expand system - working with another person on RF, pick up that project after he leaves in June - Vladmir wants Alexei to calibrate 8 electronic channels (takes ~1 day)

EBIT:

Christian	- last Tuesday, installed collector, small leak from copper casket being a bit too wide. Fixed, re-installed. Now pressure at 10^{-6} , going down slowly still. - Tried align Quadruple Triplet w.r.t end of beamline => off - 2 solutions: 1. fix quadruple triplet to align w/ housing 2. use crooked alignment, align quadruple's center to EBIT magnet. - upon washing, realized wing filter is steel. - difficult for outgassing, worried about rusting.
Alain	- install beam-line this week - fix alignment, then turn on EBIT - install power supply this week. - Next steps: tests with test ion source.

Thomas	<ul style="list-style-type: none">- got code in C++- in Geant: constructing the pips detector, got electrons flying thus far
Cecilia	<ul style="list-style-type: none">- ordered MCPs with phosphor screen- hand sketched designs to be discussed with Cam

Note: Jens will be away in Japan next week, Paul will chair the meeting.