# Minutes
# TITAN group meeting
4th November 2010 ISAC-II conference room @ 1:30 p.m.

Present: Jens, Stephan, Mel, Martin, Aaron, Ernesto, Benjamin, Vanessa, Usman and Volkhard.

## FRQ
### Ernesto
Over the past few weeks getting nice beam from RFQ. Rb beam at 400 pA. Rb85 and Rb87 are separable. In DC, have background. 1/30000 efficiency. System is better than that of last year. Need an operator for tuning the polarizer line.

## EBIT:
### Martin Simon

EBIT running well. The QUAD electrodes used as einzel lens works very well for beam improvement in EBIT beam line.

## MPET
### Stephan

Got resonance for 9+ Rb ion with 2/shot. For longer excitation time charge exchange takes place, then the problem may be that 6+, 7+, 8+ in TOF could not be separated. MPET vacuum pressure went up may be because of an unexpected spark or some ionization because of trapped electrons.

## CPET
### Usman
CPET pipe baking was done last night. Activated the NEG coating. The activation temperature seems to be at around 145 C. More on next week.

### Vanessa

Mel advised not to have Epics. High voltage issues are there (on Jens query Mel added). Could not find six-way cross. Now have a four way cross. Machine shop: Parts will be ready by next week. Dirty assembly of CPET may start in the third week of November if everything goes well. REA processing for CPET stand on the way.
New user name and password for titan7 computer is as follows:
username: titan
pw: M5...

## **Benjamin**

In the simulation of electron cooling of HCI, there are some precision problems, also some problem with mathematica. Aaron added: One package can be added at the starting of mathematica to get rid of the precision problem.