

# Minutes TITAN group meeting

October 8, 2009

## 1 Cooler penning trap (Gerald)

- update of project plan is shown
  - Gerald is leader of whole project
  - every part is discussed. The overview as well as a small abstract for every part will be send to everybody soon (Gerald), provides big picture

**different tasks:** - Magnet and bore vacuum vessel (Paul + Vanessa)

- Ion optics and vacuum vessels (Gerald + Vanessa)
- Overall support structure (Mel)
- Electron source (Gerald + Vanessa)
- Proton source (??)
- Power supplies (Maxime + Stephan + Vanessa)
- DAQ/ Slow Controls (Paul)
- Diagnostics (Stephan + Vanessa)
- ..
- 
- first, what do we need for the proposals?: Gerald gives numbers of channels etc. and others (Maxime and Stephan) make a list of electronics (similar to MPET) what we need

## 2 Reverse extraction (Matt)

- on time schedule
  - beam reverse extracted at 3 different voltages
  - laser was fired down → everything lined up  $\approx 1$  inch
  - DAQ software is working

## 3 MPET (Stephan)

- there is a time schedule (untill December) with things to do
  - next step: baking

## 4 EBIT (Aaron)

- emittance measurements soon

## 5 Computer needs

- Stephan makes a list of all needs
  - System backups for everybody? additional hard drives etc?

## 6 Status of publication

- Max: Helium; Stephan: Beryllium; Thomas: RFQ