

# Minutes of the TITAN Meeting

Held on the 24th of June 2008

**Present:** Maxime Brodeur, Christian Champagne, Paul Delheij, Jens Dilling, Stephan Eppenauer, Melvin Good, David Lunney, Vladimir Ryjkov, and Savanna Shaw

## **MPET:**

Vladimir continued his systematic studies and found that 2 cables were wrongly connected (i.e. a tube and cap electrode were interchange being at 2 V and 3 V respectively). Weirdly, the magnetron resonance looked better when the cables are wrongly connected.

Last year Vladimir optimized the tube and guard electrode voltage by looking at the width of the TOF resonance. Now he also looked at the TOF amplitude, which seemed to be more sensitive and features some distinct islands of optimal values. Note that the differences might be within the error. Current test were done with 2 Hz and the next measurements will be done using 1 Hz repetition rate.

Outlook: Vladimir will continue the systematic tests. Maxime will begin his tests when Vladimir is done. All tests should be completed by next Wednesday.

Vladimir finished his run control program and is writing the corresponding documentation.

## **RFA:**

Christian received all parts and made a dirty assembly. All pieces are now clean. Mel and Christian will mount the RFA next Wednesday. Measurements will begin Thursday when Thomas is back.