

# TT2/TT2a Access

**July 27, 2007**

# Working on the Optics Rack



# The Particle Detector Rack



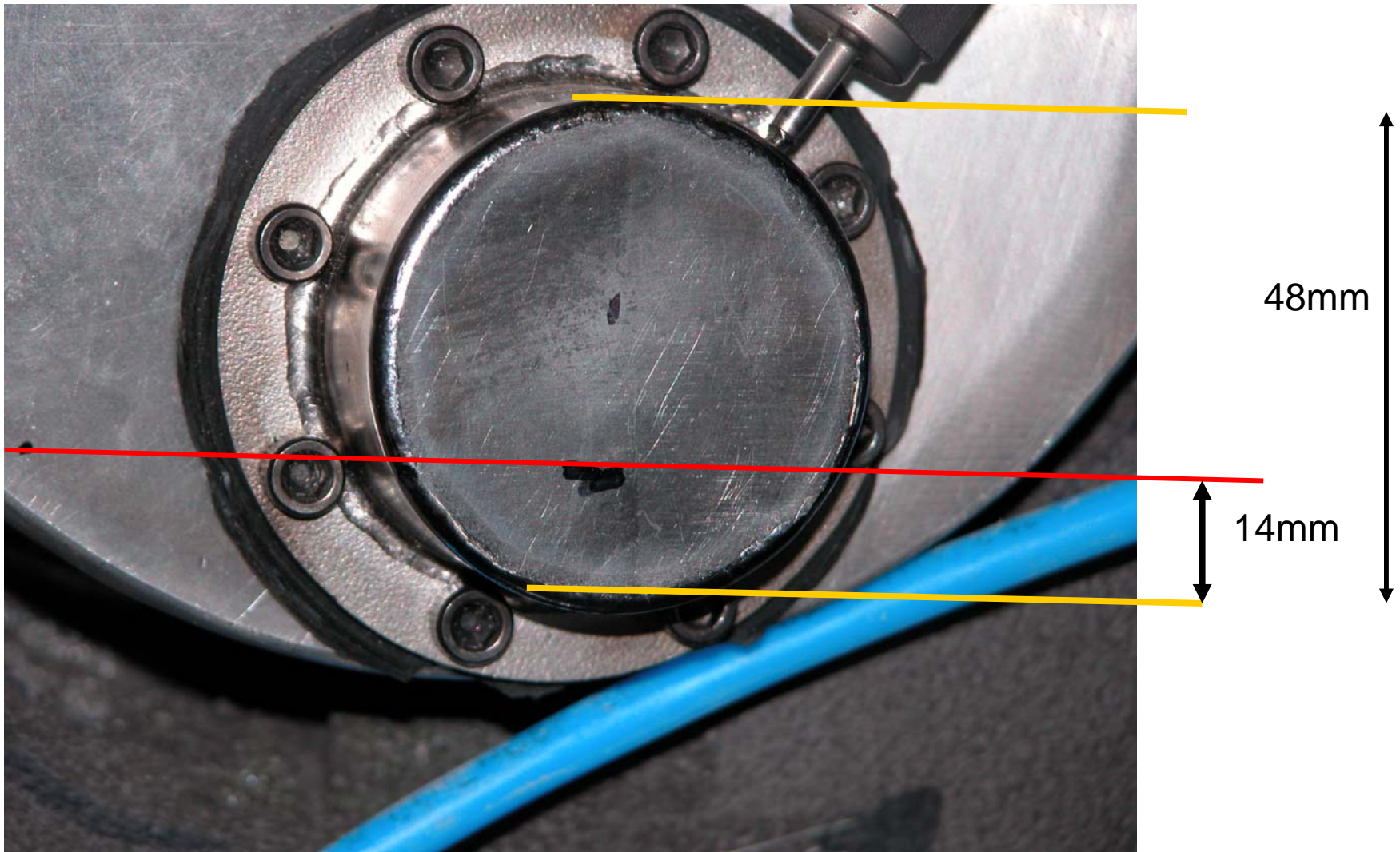
# Installing the Flags



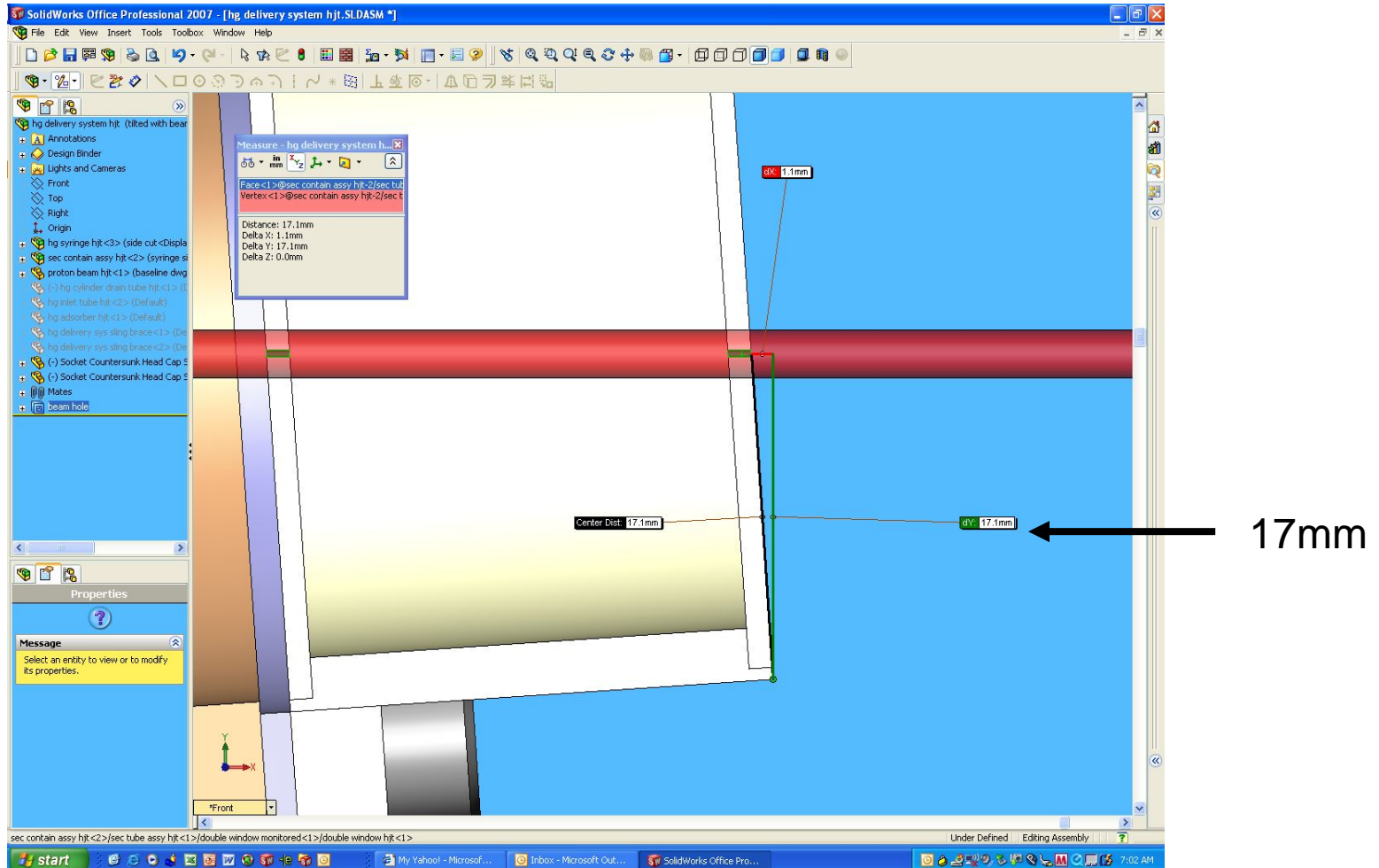
# Surveying the Flags



# Marking the Beam Height



# Predicted Beam Height



# Beam Line Ready





# Accomplishments

- Beam Line
  - Both quads cabled and ready
  - Two beam flags installed and surveyed
  - Beam current module cabled
  - Beam height marked on beam window
- HPU
  - Power restored
  - Trigger detected in internal rack

# Accomplishments (cont)

- Optics
  - Oscilloscope connection repaired
  - Laser light to port 4 activated
  - SMD camera and frame grabber removed
  - CERN highspeed switched to port 2
  - Remote Controls confirmed
- Particle Detectors
  - Trigger pulse extended to 10ms

# Outstanding issues

- No syringe movement observed in Hg Loop (first testing done with new power distribution—phasing problem?)
- No trigger observed in HPU software
- SMD camera failed to respond to reseating of frame grabber
- SMD camera system needs repair