

May 21

Wednesday, May 21, 2014  
1:03 PM

Josh, Caleb, Chris H, Irakli, Katar,  
Aaron Sprow, Seppo, Nadia, Chris Crawford,  
Paul, Chris Coppola

### \* Integration

- ready to order Kanya - waiting for quote.
- Chris finished drawing of 4-jaw collimator
- Josh - ion chamber mount
  - redesigning circular collar & 4 mount pins
  - collar downstream so misses fiducials
- we need to coordinate machine shop effort
- Chris H to consider polarimetry

### \* Bfield - Libertad

- coil frames all machined
- new wire arrived
- will start winding coils tomorrow morning
- looking at terminal blocks
- can machine brackets on time
- engineer working on drawings
- started paperwork to ship stages next week.
- building box to ship coils, starting paperwork.

### \* Ion chamber.

- hopefully fill  $^4\text{He}$  1 week from now.

### \* Preamps

- need boards & cables from shop

### \* DAQ

- all 6 boxes coming 2 weeks

- \* Shielding simulations
  - need to find out minimal configuration
  - hopefully: controlled shielding + RFSF + collimator
    - *Seppo - check w/ rad. group.*
  - neutron gas exiting the labyrinth.
- \* Simulations - Chris Cop.
  - runtime optimization.
    - a) chamber pressure
    - b) collimation.
  - need to meet with Michael & Chris Crawford.
    - *schedule this meeting.*