

Collab. Meeting

Thursday, August 1, 2013
1:22 PM

- * Geoff - Readiness Review Dec/Jan.
 - committee: internal + Jeff Nico.~
 - then PRAC approves/denies expt.
 - need detailed drawings, some hardware & schedule.

David: riskiest aspect: false asymmetries.

- * Libertad - Magnets
 - Oxyz center of polarizer z-downstream y-up.
 - z=46cm after 1st lead wall.
 - 70cm ϕ 16 coils + 3 extras on Pb wall.
 - reverse current one coil at each end.
 - adiabaticity: ~ 50 for 220 m/s
 - Tim will fully model coil.
 - mapping: Lakeshore 300mG - 300kG 5^{3/4} digit res.
DC: 0.010 mG
 - winding: schedule
 - milestones: Design Mid-Sept. frame
Coils
Stand
Done at end of Dec. \Rightarrow

- * Chris H. - RFSF
 - 3-d printer for outside quadrants?
 - problems
 - end plates
 - natural radius of wire. - 3d-printing.

- milestones - end of September : design

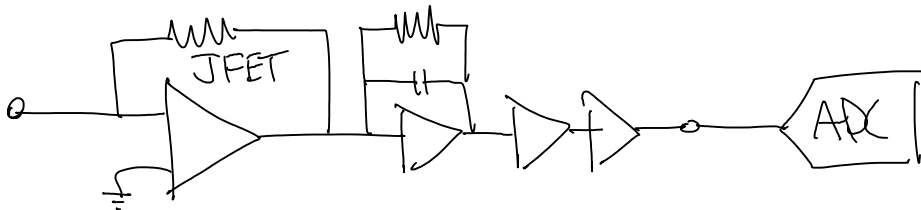
* Mark M. - Chamber

- test assembly in December
- Al tension rods - BeCu? $\frac{1}{50}$ yield str. Al
Ph. Bronze?
- assembly at UMB, take apart, ship to UT
- stand -

Need student to design alignment/stand!

- 1.9 cm between wires on the plane.
- activation of Cu wire in chamber?
talk to John about Cu radioactivity.

* David - preamp.



- current, voltage noise,
Johnson noise ← dominant.
- bit noise.