

Minutes: SBS Meeting Sep 3, 2014

Agenda: Freddy Obrecht - Progress on background simulations  
Gordon Cates - 3He target - next week  
Robin Wines - magnet & power supply & floor layout - was not present  
Todd Averett - GRINCH - was not present  
John Annand - Big Bite Timing Hodo

Attendees: Adam Sarty, Alexandre Camsonne, Charles Perdrisat, Freddy Obrecht, John Annand, Mitra Hashemi Shabestari, Mark Jones, Seamus Riordan, Carlos Ayerbe Gayoso, Mahbub Khandaker, Brian Quinn, Gregg Franklin, Nilanga Liyanage, Vladimir Nelyubin, Bogdan Wojtsekhowski, Evaristo Cisbani, Vahe Mamyan.

1. Freddy Obrecht: Progress on background simulations. The GEANT4 results seem to be in agreement with CDR/GEANT3 results. GEM photon detection probabilities also in good qualitative agreement w/ CDR numbers for similar (not identical) tracker layout. Bogdan asked if one can use this simulation in beam-line design. Bogdan asked how soon the difference in simulation (Seamus MC) can be finalized. Seamus told it will take a week or two. The difference between Seamus code and this simulation is not known. The only known difference is magnet is not total absorber. Seamus said that his new results are consistent with UConn simulation results. Andrew told that RICH detector will be delivered to UConn tomorrow morning.
2. Gordon will present next week.
3. John Annand: Big Bite Timing Hodo. Bogdan asked if all 50 NINO cards need to be corrected. The production of NINO cards was stopped. Hohn said that we will have to correct circuit board layout. This fault will cause 2-3 months delay. Asked how much tedlar is needed. Hohn said he will need about 40 m tedlar.