

Minutes: SBS Meeting Nov 19, 2014

Agenda: Bogdan - Possible improvement of SBS polarimeter

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, Guido Urciuoli, Konrad Aniol, Vahe Mamyan.

- 1) Bogdan - Possible improvement of SBS polarimeter. Brian said that angular resolution of CH2 is poor how can Bogdan measure angle. Bogdan said that he needs analyzing azimuthal angle not the polar angle. Nilanga asks that charge exchange cross section is small and there if the GEM has low tracking efficiency inefficiency. Bogdan told that rejection efficiency is much higher. Andrew asked that in page 8 that FOM from GEP5 was 0.001. Bogdan told that FOM definition of FOM is different. Bogdan said that when calculating FOM he compared elastic pp and charge exchange the same way. Brian asked if GEP people know about this method. Bogdan said that he have not said anything yet.
- 2) Nilanga told that they have finished one more chamber. Brian asked what is the production rate of chambers. Nilanga told that it is 2 chambers per month.