

Minutes: SBS Meeting May 15, 2013

Attendees: John LeRose, Alexandre Camsonne, Bogdan Wojtsekhowski, Nilanga Liyanage, Brian Quinn, Adam Sarty, Kondo Gnanvo, Evaristo Cisbani, Mitra Hashemi Shabestari, Carlos Ayerbe Gayoso, John Annand, Doug Higinbotham, Sergey Abrahamyan, Gordon Cates

- 1) Evaristo Cisbani gives the status of the front tracker GEM's. (See [link](#))
 - a) Test at DESY
 - i) Explains setup(s)
 - ii) Notes mysterious gain loss, return, and subsequent loss.
 - (1) Not sure why
 - (2) Gas problem maybe
 - (3) Discussed at length
 - iii) Observed noise improvement
- 2) Kondo Gnanvo gives update on SBS Back Tracker at UVa (See [linkpdf](#) or link [pptx](#))
 - a) Cross talk issues with APV25 electronics
 - i) Non-uniformity comes from intrinsic cross talk on APV25
 - ii) Followed by some discussion of whether or not this is an issue
- 3) Doug Higinbotham presents a draft collaboration charter ([link](#)). All are encouraged to read it and send Doug suggestions, comments, and changes (doug@jlab.org)
- 4) Bogdan Wojtsekhowski review latest collaboration meeting agenda ([link](#))
 - a) Suggested that Christian Weiss give a talk on theoretical developments with Form Factors instead of the proposed Form Factor overview. Generally agreed this was good.
 - b) The discussion at the end of Friday on students and manpower is moved to just after morning.
- 5) Gordon Cates discusses the Polarized ^3He target in A_1^n .
 - a) Measured AFP losses agree well with theory
 - b) Exploring geometry with Transversity coils
 - i) Theory predicts large AFP losses
 - ii) Recent measurements with the ProtoVec I cell show smaller losses.
 - (1) Protovec I is a somewhat different geometry than assumed in the theoretical studies
 - (2) We need to establish the limits of the current design
 - c) "We are currently on a path that, on paper, will not work." –G.C.

-JJL