

Minutes: SBS Meeting June 19, 2013

Attendees: John LeRose, Alexandre Camsonne, Bogdan Wojtsekhowski, Brian Quinn, Sergey Abrahamyan, Vladimir Nelyubin, Vahe Mamyran, Seamus Riordan, Andrew Puckett, Konrad Aniol, Mark Jones

- 1) Monte-Carlo's
 - a) Seamus Riordan reports on his GEANT 4 Monte-Carlo work
 - i) See [link](#)
 - ii) For his software see [link](#)
 - iii) Simulation basis and needs
 - iv) Pictures of various evaluated detector configurations
 - v) Available components listed with details
 - vi) Generators (written/nice to include someday)
 - vii) Various results give confidence in the overall setup
 - viii) Discusses what else is needed
 - (1) Beam Line
 - (2) Target
 - (3) Scattering chamber
 - (4) Update 48D48 (yoke cutout and new coils)
 - b) Andrew Puckett presents thoughts on the use of gemc for SBS+BB Monte-Carlo
 - i) See [linkpdf](#) or [linkpptx](#)
 - ii) Describes gemc (maintained by Hall B)
 - iii) Examples of detector construction in gemc
 - iv) Advantages/Disadvantages
 - v) Discussion:
 - (1) Some comments:
 - (a) Database maintenance can be problematic
 - (b) There were painful problems implementing it for SOLID
 - (c) Depending on outside people (Hall B) to maintain the software is worrisome
 - (d) Propagating changes to the users is difficult
 - c) Brian says we need to decide soon
 - i) What do we want?
 - ii) When do we want it?
 - iii) Who is doing the work?
 - d) In the end Seamus, Andrew, Vahe, Bogdan (maybe) and Brian will have a phone meeting sometime next week to discuss and decide. Seamus will set it up.
- 2) Bogdan Wojtsekhowski puts up a list of topics for submissions to the fall DNP meeting with names associated with each. See [list](#). Submission deadline is July 1.
- 3) Brian asks are we happy with the charter?
 - a) Suggested that we say we are happy with it and adopt it if there are no objections before the end of the day (Wednesday June 19, 2013)
 - b) Note: at 13:11 Seamus had objections
- 4) Next meeting is July 3, 2013