

Minutes: SBS Meeting January 16, 2013

Attendees: Bogdan Wojtsekhowski, Doug Higinbotham, Nilanga Liyanage, Adam Sarty, Robin Wines, Seamus Riordan, Todd Averett, Charles Perdrisat, John LeRose, Mark Jones, Brian Quinn

- 1) Bogdan Wojtsekhowski discusses next week's agenda (GEM's, pmt testing)
- 2) Todd Averett gives talk on Gas Cherenkov (GRINCH) status
 - a) See [linkpdf](#) or [linkpptx](#)
 - i) Gives motivation
 - ii) Simulations (relatively complete)
 - (1) Shows some results
 - iii) Design Status
 - (1) Gives details
 - (2) Shows drawings
 - (3) 4 mirrors (2+2) in 1 frame
 - (4) Mirror alignment concept explained
 - (5) Mirror tests plan
 - iv) NC A&T doing the box with their own funding
 - v) Magnetic shielding plan
 - vi) Light cones (also being done at NC A&T)
 - vii) General status at NC A&T
 - viii) Electronics, HV, Cables (gives list of needs)
 - ix) Manpower and budget
 - (1) Uncertainty on the vessel (the only part requiring JLab funding)
 - (2) Note error Collaborator's contribution should be \$85k not \$95k
- 3) Robin Wines reports on magnet and magnet stand status
 - a) Promises pictures next week
 - b) Magnet support
 - i) Counter weight concept being developed (BNL has surplus steel we can use) by AI Gavalya
 - c) TOSCA calculations/magnet modifications
 - i) Have cut-out for the beam pipe done
 - ii) Working on the beam pipe itself
- 4) Bogdan Wojtsekhowski discusses the Research Management Plan.
 - a) Want to demonstrate a significant Physics community with interest in the project and its Physics
 - b) Coordinate work on software development, DAQ, Data analysis, publications, and talks
 - c) There are more proposals in the pipeline
 - d) Please bring such topics to the weekly SBS meetings

-JJL