
Minutes: SBS Meeting December 2, 2015

Agenda: Seamus - ECal C200 prototype
Kieran - CDet test results
Danning - GEM DAQ

Attendees: Brian Quinn, Gregg Franklin, John Annand, Andrew Puckett, Freddy Obrecht, Mark Jones, Mitra Shabestari, Dasuni Adikaram, Seamus Riordan, Danning Di, Simona Malace, Kieran Hamilton, Peter Monaghan, Kondo Gnanvo, Gordon Cates, Nilanga Liyanage, Bogdan Wojtsekhowski.

Seamus - ECal C200 prototype

- Reviewing annealing effect on maintaining calorimeter's transparency
- DOE review's comments
- Explaining design and construction progress of C200 at SBU & JLab
- Plans for testing in 2016
- Reviewing the thermal simulation with COMSOL and structural calculations
- Design and ideas for PMT support structure
- SBU acquired C16, blower, etc from JLab

Kieran - CDet test results

- Reminder on CDet modules and structures
- Reviewing test setup for testing each CDet module
- Analysis and root macros progress
- Gain test using Ru-109 source
- Results of relative quantum efficiency and production data
- Showing the results of mu parameter for CDet
- Looking at the effects of mirrors, glue, and wrapping on light collection
- Testing modules and analyzing TDC signals are in progress

Danning - Update on GEM DAQ

- MPD has been integrated into CODA
- Showing the results of pedestal and cosmic runs for APVs
- Plan is to analyze the cosmic data, calibrate the MPD-APV, test the BLT mode block-transfer and add higher speed mode, and Assemble and bring UVa GEM planes to test along the Tritium test