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Minutes: SBS Meeting June 15, 2016

Agenda: Kondo Gnanvo - Experience with GEMs at PRad  
Peter Monaghan - Update on CDet

Attendees: Brian Quinn, John Annand, Gregg Franklin, Vladimr Nelyubin,  
Mark Jones, Mitra Shabestari, Dasuni Adikaram, Kondo Gnanvo,  
Ralph Marinaro, Abbie Salyzyn, Mahbub Khandaker, Vitaly Baturin,  
Parker Reid, Peter Monaghan, Andrew Puckett, Bogdan Wojtsekhowski.

Kondo - Update on the Large GEMs for PRad Experiment in Hall B

- Overview of the GEM for the PRad Experiment
  - PRad experiment Setup (Target specs, GEMs, HyCal specs)
  - Design & Specifications of the PRad GEMs
  - Upgrade of APV25-SRS Electronics for PRad GEMs
  - Installation on the PRad Experiment in Hall B
- Results of the calibration run to study the efficiency of the GEMs
- PRad production run program
  - DAQ Performances
  - Reached production goal for 1.1 GeV beam on Hydrogen
  - The production run at 2.2 GeV has started (Until June 21st)
- Presenting the results of 1.1 GeV Production run
  - Online event matching between GEM and HyCal
  - Preliminary matching of GEM hits with HyCal clusters (PbWO4 only)
  - Total cluster energy in HyCal > 700 MeV

Peter - Update on the Coordinate Detector

- More personnel available to help
- Testing each single bar with cosmic, which actually is quality control of bars
- Module 1 assembly is complete and is being tested for light leak
- Students are working on testing electronics and DAQ cables
- Setting and checking the electronics
- All NINO cards for M1 are at JLab
- Vitaly's fiber bundles are working
- Module 2 and 3 assembly will begin soon