

Minutes: SBS Meeting February 3, 2016

Agenda: Andrew - C16 Simulation

Attendees: Brian Quinn, Gregg Franklin, John Annand, Andrew Puckett, Mark Jones, Mitra Shabestari, Dasuni Adikaram, Vladimir Nelyubin, Gordon Cates, Simona Malace, Peter Monaghan, Alexandre Camsonne, Seamus Riordan, Nilanga Liyanage, Bogdan Wojtsekhowski.

Andrew - C16 Simulation

- C16 Geometry
- C16 Optical model
 - Absorption length
 - Thermal annealing
- Made refinements to the optical model for C16/ECal
- Presenting and discussing:
 - GEANT4 prediction of the C16 light yield
 - Dose rate calculations and results
 - Expected signal reduction in C16 test