

Minutes: SBS Meeting January 23, 2013

Attendees: Bogdan Wojtsekhowski, Doug Higinbotham, Nilanga Liyanage, Adam Sarty, Charles Perdrisat, John LeRose, Mark Jones, Alexandre Camsonne, Sergey Abrahamyan, John Annand, Vahe Mamyán, Evaristo Cisbani, Kondo Gnanvo, Lubomir Pentchev, Albert Shahinyan, Carlos Ayerbe Gayoso, Vina Punjabi, Mitra Hashemi Shabestari, Gregg Franklin, Rui De Oliveira

- 1) Rui De Oliveira gives talk on sparks and GEM commissioning
 - a) See [linkpdf](#) or [linkpptx](#)
 - b) Defines process for powering up GEM's
 - i) Explains underlying processes
 - ii) Do not ramp up slowly
 - iii) Apply directly the Pashen voltage -50V with 2uA limitation for 100 cm²
 - iv) Let the GEM spark a few times to clean dust
 - v) After a few seconds the GEM should stop sparking
 - vi) After 20 seconds the leakage current can be measured
- 2) Vahe Mamyán gives talk on HCAL developments
 - a) See [link](#)
 - i) Test setup with Elgin scintillator (EJ232)
 - ii) Various results
 - b) Gregg Franklin adds
 - i) Elgin Scintillator is too expensive
 - ii) Fermilab is now (literally this week) making samples for us
- 3) Kondo Gnanvo gives brief update on GEM and GEM electronics status
 - a) See [link](#)
 - b) at CERN
 - c) at UVA

-JJL