

Minutes – SBS Weekly Meeting for 10 February 2020

1. New wiki page for subsystem progress tracking. Call for progress/timeline assessment documents. [https://hallaweb.jlab.org/wiki/index.php/Subsystem_progress_tracking, 2020](https://hallaweb.jlab.org/wiki/index.php/Subsystem_progress_tracking,2020)
 - 1.1. Sub-system leaders are to provide an updated document to wiki page (1-2 pages)
 - 1.2. Updated monthly – here are the expected items in document
 - 1.2.1. Assessment of progress over the last six months or since previous collaboration meeting
 - 1.2.2. Milestones/tasks toward readiness for beam.
 - 1.2.3. Estimated timeline for completion of said milestones/tasks.
 - 1.2.4. Any other issues: manpower/need for JLab resources/etc.
 - 1.3. Upload to private DocDB; link to Subsystem Wiki
2. Brief verbal status reports on subsystems (Contact persons)
 - 2.1. Software (Andrew)
 - 2.1.1. Agreed upon final plane for simulation runs for stress testing GMn and GEN-RP analysis code
 - 2.1.2. Andrew's GEM analysis code has been made available
 - 2.1.3. Use to test various data; Andrew moving to getting SBS offline analysis ready
 - 2.1.4. Eric F. working to finalize simulation digitization library
 - 2.1.5. Goal: Complete in April
 - 2.2. DAQ (Alex Camsonne) (bad audio, will report later)
 - 2.3. BB Shower (Arun)
 - 2.3.1. Installing shower blocks
 - 2.3.2. Removed/reinstalling HV bases
 - 2.3.3. Adjusted cables for pre-shower and shower HV
 - 2.3.4. Testing new pre-shower blocks
 - 2.3.4.1. Working on having them cut to fit
 - 2.3.4.2. First 16 delivered and tested; 2 PMTs disconnected need reattached
 - 2.3.4.3. 48 more blocks to be cut (requisition is on the way)
 - 2.3.4.4. Blocks are slightly larger so need to account for with shower
 - 2.3.5. Work on new signal cables (from Hall C)
 - 2.3.6. Can start remove pre-shower; move some to shower
 - 2.4. INFN GEM (Evaristo)
 - 2.4.1. Second foil tested successfully; tested good
 - 2.4.2. Test procedure for testing GEM frame in BB
 - 2.5. UVa GEM (Nilagna)
 - 2.5.1. Taking cosmic data in EEL
 - 2.5.2. Worked out problem with one module; will be ready for software data tests
 - 2.5.3. Decoded data coming soon

2.6. CDET (Peter)

- 2.6.1. Turned around detector
- 2.6.2. Updated safety documents
- 2.6.3. Testing modules received

2.7. Upstream beamline (Silviu)

- 2.7.1. No report

2.8. GEp Simulations (Andrew)

- 2.8.1. Switching out analyzers and checking
- 2.8.2. Will need significant simulation effort
- 2.8.3. Tracking may overcome loss to change in analyzer

2.9. RP-GEN (Brad)

- 2.9.1. Hodoscope work continues
- 2.9.2. Meet with designers about lead wall design, moving forward
- 2.9.3. SBS Dipole TOSCA map
 - 2.9.3.1. Will T. working on fringe field impacts on PMTs for scintillators
 - 2.9.3.2. David's student working on a full field map to imported into G4SBS sim

3. Adjourn

Recorded by Will Tireman