Exclusive Reactions Status Summary

DVCS ep

- MIT using MILOU3D generator and have whole chain running
- Trying to understand where forward protons are going at highest energy config. At moment only hit occupancy available for forward protons (eg roman pots, possibly B0), have requested more info from these detectors
- Assessing wether/when ready to run central detector studies. Expect to hear back this week on plans.

DVPi0 ep

- MIT obtained root files used for YR study

DVCS eHe

- Glasgow working on TOPEG
- Checking Fun4All stage working, need to check all running and everything in output available
- Not sure what generator yet to look at nDVCS

DVMP ep

- University of York and Virginia Tech coordinating efforts
- York working with lAger, compiling, checking EICSmear/Fun4All compatibility, starting with j/psi
- Virginia Tech setting up their own generator (UVA). v1 expected ready end June/early July to discuss integration with fun4all. v1 includes BH (from e/photon to dileptons), light vector mesons (rho, eta, omega), heavy mesons (j/psi/upsilon)

DVMP eA (phi is initial study/priority, more sensitivity to saturation effects than J/psi)

- Ohio University have gotten Sartre working, starting looking at phi channel/events

eA Exclusive J/Psi diffractive studies (straddling/crossed with diffractive group)

- BNL using Sartre, chain is running/assessing outputs

TCS

- Expect events from D. Sokhan/P. Sznajder from newly updated generator in about 1 or 2 weeks. Expect compatible with Fun4All.

Summary:

- In principle 5 generators, plus DVPi0 events and TCS events/files
- MILOU3D study currently most advanced state - number of events not known yet