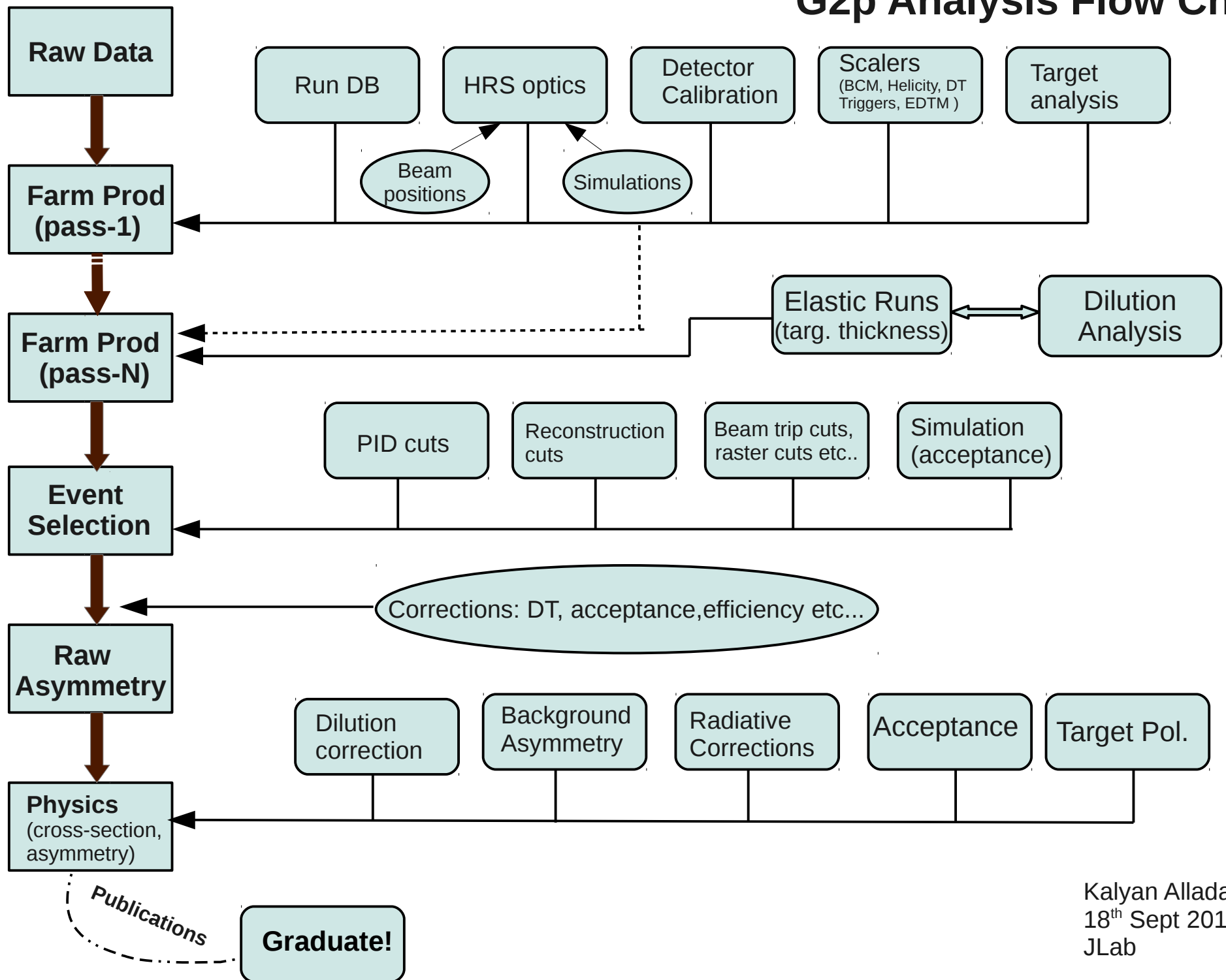
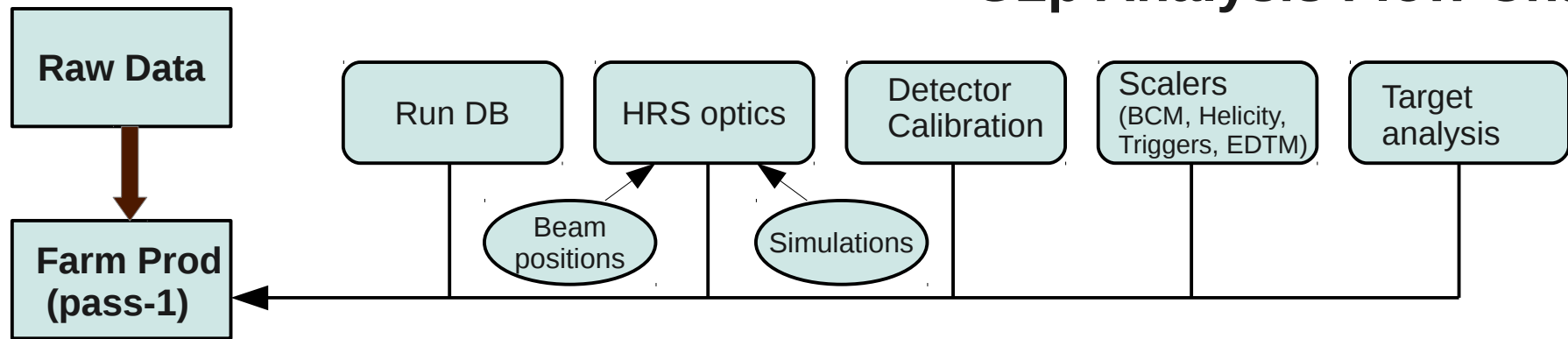


G2p Analysis Flow Chart



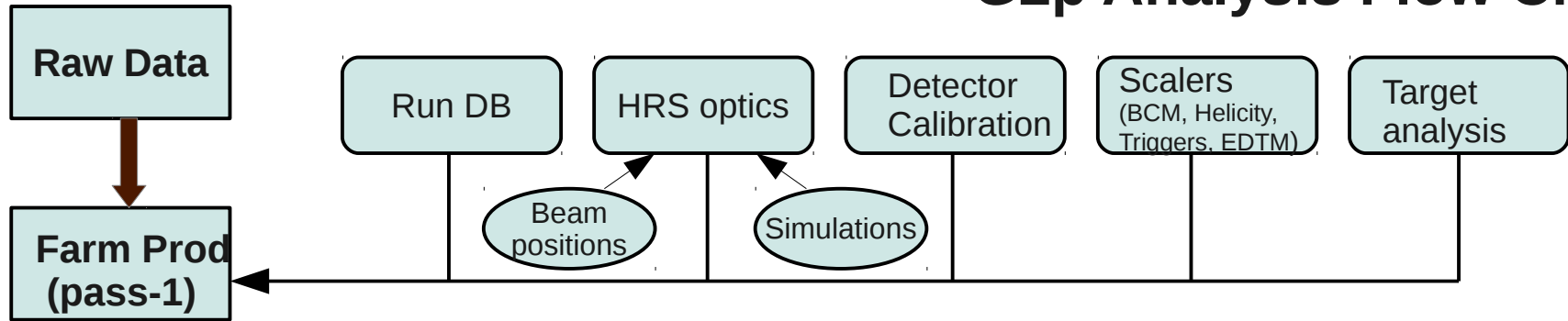
G2p Analysis Flow Chart



- Run DB : **done!** (Ryan *et al.*)
- HRS optics:
 - BPM calibration (**in progress** Pengjia) **almost done?**
 - Field measurement analysis (**done**, Chao *et al.*)
 - VDC t_0 calibration (**done**, Min/Jie)
 - Optimization of straight through runs (**in progress**, Min/Chao)
 - Simulation:
 - Straight through optics (sieve pattern etc..)
 - Reconstruction with target field (**in progress**, Jixie *et al.*)
- First round detector calibrations:
 - Gas Cerenkov (**done**, Melissa/Jie)
 - Lead glass (**in progress**, Melissa/Jie) **done!**
 - S1 and S2m trigger efficiency (**not started?**) **done!**
- Scalers:
 - BCM calibration (**done**, Pengjia)
 - Helicity decoding (**done**, Chao)
 - Run-by-run deadtime calculation (**in progress?** Ryan) **done!**
- Target analysis:
 - TE calibration (**in progress**, Toby *et al.*) **done!**
 - Run-by-run polarization **done!**
 - Anything else?
- Preparation for 1-pass farm production
 - Replay scripts should include
 - BPM, raster, helicity
 - S1/S2m, GC, calorimeter
 - Straight-through optics
 - Target pol.

Updated on 27th Nov 2012

G2p Analysis Flow Chart



- Run DB : **done!** (Ryan *et al.*)
- HRS optics:
 - BPM/slow raster calibration (Pengjia)
 - Straight-through (**done**)
 - With field (**in progress**)
 - Field measurement analysis (**done**, Chao *et al.*)
 - VDC t_0 calibration (**done**, Min/Jie)
 - Optimization of straight through runs (**in progress**, Min/Chao)
 - Longitudinal runs (waiting on slow raster calib)
 - Simulation:
 - Straight through optics (sieve pattern etc..)
 - Reconstruction with target field (**in progress**, Jixie *et al.*)
- First round detector calibrations:
 - Gas Cerenkov (**done**, Melissa/Jie)
 - Lead glass (**done**, Melissa/Jie)
 - S1 and S2m trigger efficiency (**done**, Ryan)
- Target analysis:
 - TE calibration (**done**, Toby *et al.*)
 - Run-by-run polarization (**done**, Toby)
 - Anything else?
- Scalers:
 - BCM calibration (**done**, Pengjia)
 - Helicity decoding (**done**, Chao)
 - Run-by-run DT calculation (**done**, Ryan)
- Pass-1 farm production
 - Data quality checks (?)