

# Monte Carlo Batch Production

- Ultimately (not in the too distant future), we want to have a complete simulation of Step IV
- What do we need to be ready for that? We had some phone meetings about this several months ago, this is an attempt to revive that and start thinking about production MC
- What settings?
- Analysis priorities?
  - Emittance reconstruction
  - Alignments
  - PID
  - Multiple scattering
- Readiness
  - Beam
    - What beam settings?
    - G4BL templates (?)
  - Geometry
    - Full Step IV including diffuser and absorbers (and windows)
  - Fields
  - Detectors
    - TOF, Ckov, Tracker, KL, EMR
  - Reconstruction
    - Should we wait for global tracking?
- Analysis tools?
- When?
  - Step IV is just 2 CMs away