

Items for May 14–15 Collaboration Meeting

- **Director's Review** outcome
- **Software planning** in progress
 - ▶ Considering Hall A/B/D, Phenix frameworks
 - ▶ Developing specifications (=features wanted and how to get them)
 - ▶ Document being drafted
 - ▶ To-do/task list being developed
- Continuing **Tracking Studies** (within current framework)
 - ▶ Weizhi porting progressive tracking code to Hall A analyzer digitization framework, will test on PVDIS data
 - ▶ Need to do SIDIS digitization
- Progress with other (non-tracking) simulations?

Software Design Specifications — Key Points

- Simulation/General
 - ▶ **Database** access convenience, consistency between simulation and reconstruction, esp. geometry
 - ▶ **Simulation engine** under discussion: GEMC vs. something else
- Reconstruction
 - ▶ Granularity of **intermediate reconstruction results**
 - ▶ Reconstruction should support its own DST output format as input format (for **multi-stage analysis**)
 - ▶ Reconstruction **user interface**: ROOT interpreter? (alternatives: command line/shell scripts, GUI)
 - ▶ **DST file format**: ROOT (unless anyone objects)

SoLID on GitHub

- NB: GitHub does not support hierarchical repositories like Subversion does → need one repository per document
- Created private document repositories
 - ▶ SoLID-docs-precdr (converted from SVN)
 - ▶ SoLID-docs-softspec
 - ▶ SoLID-GPD
- Ask Ole if you need a new repository, different permissions, etc.
- Next: Convert code repositories from SVN
 - ▶ Unlike documents, it may make sense to keep several projects in a single repository → need feedback