

G4, Gismo & Related Recon

- **G4**
 - Implement as Gaudi algorithm (adopt GIGA from LHCb?)
 - Toby, Italy for design; Italy for implementation
 - Fill already defined Hits structures
 - Already done once to Root structure - Italy
- **Gismo**
 - Implement detModel auto geometry
 - Input to geometry
 - Persistency (prs) file issues?
 - Fill already defined Hits structure
 - Toby for both items
- **Digitization**
 - Set up identifiers for digis
 - Joanne
 - Convert existing digis to use Hits structures
 - Sasha, Heather, Tracy/Leon
- **Recon** (specifically propagator issues) - **proposal**
 - Define specification for propagator (independent of simulator specifics)
 - Based on WBA RCparticle
 - Adapt RCparticle to revised spec
 - Investigate use of G4 for propagator