

SW Session Summary

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- Testbeam Offline Issues:
 - ByteStream OK for barrel (end-cap needs some work)
 - Use of conditions database
 - Work on alignment and monitoring
 - Monitoring will continue to be a major SW effort through entire Atlas start-up
 - Reconstruction and use of new track classes
 - Simulation of photon beam run
 - Relatively urgent and currently blocked by software difficulties external to the TRT
- Full Simulation Issues:
 - Need to rotate detector by 180 around Y-axis
 - Need to work on flight time based pile-up
- TRT Simulation and Core Issues:
 - Further work on GeoModel
 - Use of Oracle to store GeoModel data
 - Revisit Material Model for TRT
 - Adding Thomas' C++ implementation of Pavel's PAI code
 - Several years have passed since last look
 - Need to validate simulation of new gas mixture
 - Need for better coordination of work and increased participation