

ATLAS MT simulation on KNL

- ATLAS simulation is being migrated to multi-threading
 - Event-level parallelism based on Geant4 and AthenaMT
 - Nearly complete full simulation configuration (G4AtlasMT) now ready
- Intel's new Knights Landing generation of Intel Xeon Phi processors is a good target for this type of application
 - Highly parallel architecture for CPU-heavy code
- G4AtlasMT shows good scaling performance on both Xeon and Xeon Phi architectures

