

Plan and progress

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Overall plan

1. Migrate MiniCLEAN's RAT to run with GEANT4.10 (possibly also newer version of ROOT)
 - a. Problem: Different physics simulation results compared with the previous version
 - b. Job: a version of this is made, job is to test and validate, may make changes
 - c. Run tests locally at UW before ready for large scale tests
2. Learn code for simulation written by Ian
3. Planned stay: until July 17
 - a. Have time to do some work at home

Current progress

1. Preparing for testing new version of RAT
 - a. Know how to compile and run ROOT and GEANT (both old and new versions)
 - b. Problem with compiling RAT (possibly because of changes in gcc, wait for new version)
 - c. Learning to submit RAT jobs using condor (stuck here, script, certificate, not documentation found)
2. Learning ROOT and GEANT
 - a. Went through ROOT tutorial and some exercises

Plan for this week

1. Plot comparison graph for 2 runs of ar39 macro with 10000 events
2. Learning more about RAT for testing and migration
3. Try to compile newer version of RAT
4. Continue with tutorials and documentations