

JIRA tasks update

Week 25 – 29 November 2013

Updated tasks

- [SIM-366](#) – A.Ribon
 - Grid validation of Geant4

New tasks

- [SIM-440](#) – J.Apostolakis (10.0.Feb)
 - Create test case for parameterisation which use two or more types of solids
- [SIM-441](#) – J.Apostolakis (10.0.Mar)
 - Create working MT prototype for multi-solid type parameterisation

Completed tasks

- [SIM-370](#) – J.Apostolakis
 - Verification of multi-threading for all geometry modeller features
- [SIM-415](#) – T.Nikitina
 - Improve implementation of Polycone
- [SIM-429](#) – A.Ribon
 - Remove the low_energy and high_energy packages of Geant4
- [SIM-430](#) – V.Ivantchenko
 - Migration of EM tests to MT
- [SIM-436](#) – A.Ribon
 - Fix MT vs SEQ reproducibility of INCLXX

Rescheduled tasks

- [SIM-18](#) – V.Uzhinskiy (9.6.Nov → Unscheduled)
 - Improvements to Geant4 QGS model
- [SIM-210](#) – J.Apostolakis (9.6.Nov → Unscheduled)
 - Improve testing and implementation of boundary-crossing in magnetic field module
- [SIM-211](#) – J.Apostolakis (9.6.Nov → Unscheduled)
 - Create challenging test for boundary crossing in magnetic field
- [SIM-220](#) – J.Apostolakis (9.6.Nov → 10.0.Jan)
 - Improve the implementation and design of Parallel Navigation
- [SIM-317](#) – J.Apostolakis (9.6.Nov → 2013/Q4)
 - Make Geant4-MT compatible with experiment frameworks
- [SIM-327](#) – V.Uzhinskiy (9.6.Nov → Unscheduled)
 - Add Reggeon Cascade to QGS
- [SIM-328](#) – V.Uzhinskiy (9.6.Nov → Unscheduled)
 - Review and improve the sampling of the kinematical properties of quarks and di-quarks in QGS

Rescheduled tasks - 2

- [SIM-329](#) – V.Uzhinskiy (9.6.Nov → Unscheduled)
 - Include Fermi motion in QGS
- [SIM-330](#) – V.Uzhinskiy (2013/Q4 → Unscheduled)
 - Tuning of QGS parameters
- [SIM-350](#) – J.Apostolakis (9.6.Nov → 2013/Q4)
 - Create second prototype using a workspace for each active worker
- [SIM-372](#) – T.Nikitina (9.6.Nov → 2014/Q1)
 - Finalisation of the Unified Solids library
- [SIM-374](#) – J.Apostolakis (9.6.Nov → 2013/Q4)
 - Study possibility to change position of charge particle by multiple scattering process
- [SIM-404](#) – G.Folger (9.6.Nov → 2013/Q4)
 - Extensible physics list factory (UR-13)
- [SIM-434](#) – P.Mato (9.6.Nov → 10.0.Feb)
 - CMake configuration: Accomodate need data directory per ATLAS release