

Recent Developments in Geant4

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Geant4 is a toolkit for simulating the passage of particles through matter and it is used by a large number of experiments and projects in a variety of application domains, including high energy physics, astrophysics and space science, medical physics and also radiation protection. An overview of recent developments of the toolkit will be presented focusing on topics related to shielding calculations. These include hadron interaction models including low energy neutron transport, event biasing options, and primitive scoring which provides an easy interface to simulation results.