

Inaugural US Muon Collider Meeting

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G4beamline tutorial

G4beamline is a user-friendly particle-simulation program based on the Geant4 toolkit. It describes the system to be simulated, and the simulation itself, in a user-friendly description language; it requires no C++ programming by the user. G4beamline has been used by over 1,500 people, including students and members of every muon experiment or proposal in the past 15-20 years. It is particularly adept at simulating muon cooling channels. This tutorial will describe how to install and use G4beamline at a basic level.

Primary author: ROBERTS, Thomas

Presenter: ROBERTS, Thomas

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