



Contribution ID: 57

Type: **Oral**

Geant4 scoring functionalities

Thursday 25 April 2019 09:00 (40 minutes)

In this presentation, we will overview the scoring functionality of Geant4 simulation toolkit that allows users to score various physics quantities such as flux or dose distribution without writing much of C++ code. This functionality is of particular benefit for shielding or radiation protection studies where no particular detector has to be simulated. We will also briefly introduce Geant4's built-in analysis tool that enables the user to create plots and histograms without linking to external libraries.

Author: ASAI, Makoto (SLAC National Accelerator Laboratory (US))

Presenter: ASAI, Makoto (SLAC National Accelerator Laboratory (US))

Session Classification: GEANT4 tools

Track Classification: GEANT4 tools