Contribution ID: **384**   Type: **Poster presentation**

Upgrading HFGFlash for Faster Simulation at Super LHC

Monday, 14 October 2013 15:00 (45 minutes)

HFGFlash is a very fast simulation of electromagnetic showers using parameterizations of the profiles in Hadronic Forward Calorimeter. HF GFlash has good agreement to Collision Data and previous Test Beam results. In addition to good agreement to Data and previous Test Beam results, HFGFlash can simulate about 10000 times faster than Geant4. We will report the latest development of HFGFlash for Faster Simulation at Super LHC.

Primary author: RAHMAT, Rahmat (University of Mississippi (US))

Presenter: RAHMAT, Rahmat (University of Mississippi (US))

Session Classification: Poster presentations

Track Classification: Event Processing, Simulation and Analysis