## 20th International Conference on Computing in High Energy and Nuclear Physics (CHEP2013)



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## **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.

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