



Goal: speed-up Fast simulation -> there has been an ATLAS/CMS/Geant4 meeting

Idea: increase production cuts (electrons, positrons, photons) in shower parameterisation volume /regions

First quick test in OSCAR/CMS :

50 GeV e-

Production Cut in ECAL	Time/event (s)
1 mm	3.74
2 mm	3.54
3 mm	3.3

speed-up of ~ 10%; Physics performance seems ok but more tests needed ...

AND : our cuts are already quite big ...



- GFlash ported to new region concept inside Geant4
 - > straight forward, only few changes necessary for testing inside Geant4, results ok.
 - Test inside CMS after Geant4 release;
- Wrote first prototype of GFlash for Sampling Calorimeter
 - still under construction -
 - but should be available soon (maybe for this G4 release)

