

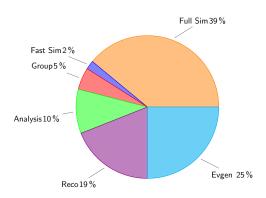


Improving Geant4 Execution Time at Build Time

LUND UNIVERSITY, DIVISION OF PARTICLE PHYSICS



Computing Resource Usage



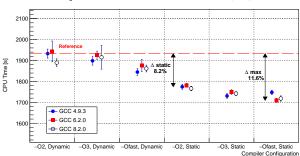


Wall clock time fraction for grid and HPC jobs July 2015 to July 2016 (Example from ATLAS)

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Build Time Improvements

Average CPU Time for simulation of 2k events in the CMS detector, N=62, 4 Threads





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