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## GeantV - Next Generation Simulation Prototype <sup>[1]</sup>

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High energy physics experiments such as the ones at the Large Hadron Collider (LHC) at CERN have been using so far most of their worldwide distributed CPU budget ? in the range of half a million CPU-years equivalent - to simulate the transport through matter and the effects produced by particles generated in the initial collisions. These simulations are fundamental for understanding both the detector performance and the physics outcome of such an experiment.

**Event published at:**

SC15, Austin TX, November 15-20, 2015

[For more information](#) <sup>[2]</sup>

**Technical document file:**

 [SC15\\_GeantV\\_Poster\\_.pdf](#) <sup>[3]</sup>

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[2] <http://sc15.supercomputing.org/sites/all/themes/SC15images/SC15ConferenceProgramFinal11.14.pdf>

[3] [http://test-static-05.web.cern.ch/sites/test-static-05.web.cern.ch/files/technical\\_documents/SC15\\_GeantV\\_Poster\\_.pdf](http://test-static-05.web.cern.ch/sites/test-static-05.web.cern.ch/files/technical_documents/SC15_GeantV_Poster_.pdf)