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## Case study: A Physicist's Best Friend: CERN Finds the Higgs Boson <sup>[1]</sup>

[Intel](#) <sup>[2]</sup>

**Link:**

[A Physicist's Best Friend: CERN Finds the Higgs Boson](#) <sup>[3]</sup>

Thursday, 24 October, 2013

The discovery of the Higgs boson marked an important step towards understanding the fundamental laws which underpin the universe. This elusive particle, thought to be at the very root of the existence of mass, has been the focus of experiments carried out at the Large Hadron Collider (LHC) at CERN on the French-Swiss border.

 [high-performance-computing-xeon-e5-cern-higgs-boson-study.pdf](#) <sup>[4]</sup>

**Phase:**

[openlab phase IV](#) <sup>[5]</sup>

**Competence center:**

[Platform](#) <sup>[6]</sup>

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### **Links**

[1] <http://test-static-05.web.cern.ch/resources/spotlights/case-study-physicists-best-friend-cern-finds-higgs-boson>

[2] [http://test-static-05.web.cern.ch/about/industry\\_members/intel](http://test-static-05.web.cern.ch/about/industry_members/intel)

[3] <http://www.intel.com/content/www/us/en/high-performance-computing/high-performance-computing-xeon-e5-cern-higgs-boson-study.html>

[4] [http://test-static-05.web.cern.ch/sites/test-static-05.web.cern.ch/files/spotlights/2013/high-performance-computing-xeon-e5-cern-higgs-boson-study\\_0.pdf](http://test-static-05.web.cern.ch/sites/test-static-05.web.cern.ch/files/spotlights/2013/high-performance-computing-xeon-e5-cern-higgs-boson-study_0.pdf)

[5] <http://test-static-05.web.cern.ch/about/phase-iv>

[6] <http://test-static-05.web.cern.ch/competence-centre/platform>