



Published on *CERN openlab* (<http://test-static-05.web.cern.ch>)

[Home](#) > [How Will CERN Handle Exabytes of High-Energy Physics Data?](#)

---


## How Will CERN Handle Exabytes of High-Energy Physics Data? <sup>[1]</sup>

### **Link:**

[How Will CERN Handle Exabytes of High-Energy Physics Data?](#) <sup>[2]</sup>

Monday, 11 September, 2017

CERN, established in 1954, is the world's largest particle physics laboratory. Its aim is to study the fundamental structure of the universe, as well as promote science as a means for peace and train the next generation of physicists and engineers. CERN consists of 22 member states, mostly from Europe. Some 12,000 visiting scientists from over 70 countries and with 105 different nationalities ? half of the world?s particle physicists ? come to CERN for their research. In 2012, the Higgs boson, was discovered by the experiments on CERN's Large Hadron Collider (LHC).

 [How Will CERN Handle Exabytes of High-Energy Physics Data\\_ - Huawei Industry Insights.pdf](#) <sup>[3]</sup>

### **Phase:**

[openlab phase V](#) <sup>[4]</sup>

### **Technical area:**

[Computing Platforms \(offline\)](#) <sup>[5]</sup>

[Data Storage Architectures](#) <sup>[6]</sup>

- [Visit Us](#)
- [RSS Feeds](#)

DISCLAIMER: This Web page contains pointers to material related to the management of CERN openlab in the Information Technology Department at the European Organization for Nuclear Research (CERN). Their use and distribution are regulated by the [CERN copyright notice](#).



---

**Source URL:** <http://test-static-05.web.cern.ch/resources/spotlights/how-will-cern-handle-exabytes-high-energy-physics-data>

**Links**

[1] <http://test-static-05.web.cern.ch/resources/spotlights/how-will-cern-handle-exabytes-high-energy-physics-data>

[2] <http://www.huawei.com/en/industry-insights/customer-voices/how-cern-handle-exabytes-of-high-energy-physics-data>

[3] [http://test-static-05.web.cern.ch/sites/test-static-05.web.cern.ch/files/spotlights/2017/How%20Will%20CERN%20Handle%20Exabytes%20of%20High-Energy%20Physics%20Data\\_%20-%20Huawei%20Industry%20Insights.pdf](http://test-static-05.web.cern.ch/sites/test-static-05.web.cern.ch/files/spotlights/2017/How%20Will%20CERN%20Handle%20Exabytes%20of%20High-Energy%20Physics%20Data_%20-%20Huawei%20Industry%20Insights.pdf)

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

[5] <http://test-static-05.web.cern.ch/technical-area/computing-platforms-offline>

[6] <http://test-static-05.web.cern.ch/technical-area/data-storage-architectures>