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## Lecture 4: Finding the Higgs Boson : the story from the software and computing perspective <sup>[1]</sup>

**Date:**

Tuesday, 12 July, 2016 - 15:00 to 16:30

**Location:**

[31-3-004 - IT Amphitheatre](#) <sup>[2]</sup>

Brief description: The LHC experiments are modern wonders of custom precision instrumentation. But the 1?s and 0?s that come out of the data acquisition system won?t discover new phenomena without a lot of help from software and computing. In this presentation I?ll discuss the many ways that computing and software are used in an LHC experiment to let us do the science, using the observation of the Higgs boson as an example.

**Indico or other event webpage:**

[For more information about the event](#) <sup>[3]</sup>

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computing-perspective

### **Links**

[1] <http://test-static-05.web.cern.ch/news/lecture-4-finding-higgs-boson-story-software-and-computing-perspective>

[2] <https://maps.cern.ch/mapsearch/mapsearch.htm?n=%5B%2731/3-004%27%5D>

[3] <http://indico.cern.ch/event/537129/>