

Post-Higgs LHC Update

Philip E. Gibbs*

Abstract

This news is adapted from viXra log (<http://blog.vixra.org>) and contains LHC updates through July 27, 2012.

Key Words: LHC update, July 2012.

July 7, 2012: [Post-Higgs LHC Update](#)

Just because the Higgs has been discovered does not mean there is any rest the the physcists at the LHC. They are now a few days out of the technical stop and have already returned to running with maximum bunch numbers (at slightly reduced intensity for now) and have added 0.33/fb, and they have done some special runs for TOTEM.

The CERN directorate would not feel that they are doing their job if they did not change the plan at least three times a year, so at the 4th July press conference the DG announced that they had decided to run the LHC for an extra three months and then shut down the collider for a longer period of two years. It will not restart at higher energy until 2015. There will be about 2 months extra proton physics this year which could add another 5/fb to 10/fb to the total delivered. The hope is that it will give enough data to study the properties of the Higgs and perhaps find something else so that the physicists have plenty of analysis to work on during the two year break while the LHC and the detectors are being upgraded. For more details see the ICHEP talk [here](#).

References

1. <http://blog.vixra.org/2012/07/07/post-higgs-lhc-update/>

* Correspondence: Philip E. Gibbs, Ph.D., Independent Researcher, UK. E-Mail: phil@royalgenes.com