



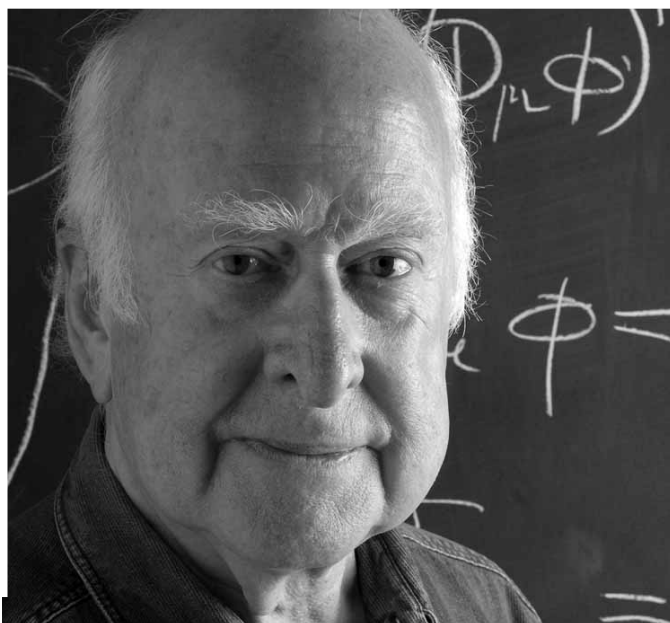
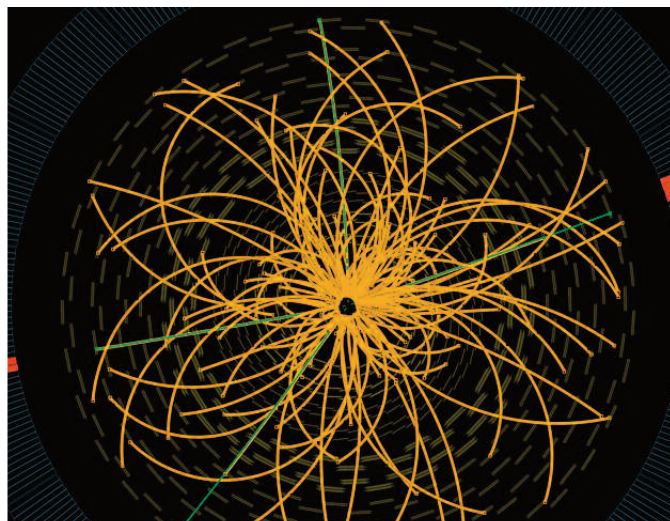
# The Big Bang Machine: Hunting the Higgs Boson

Dr Pete Edwards, Department of Physics,  
University of Durham

23rd April 2013 7.30pm

at the Tempest Anderson Hall of the Yorkshire Museum

In November 2009, following repairs, the start button for the biggest scientific experiment in the history of humankind was pressed. Using the energy required to power Geneva, the Large Hadron Collider (LHC) will investigate many of the mysteries that the universe has kept hidden since its birth. Using the LHC we hope to travel back to the Big Bang, create mini black holes, and reveal the nature of the dark side of the universe. Come along to explore the immense scale of the experiment, find out how the LHC works, and hear the latest news from Geneva.



**Admission free. £3 donation invited from non-members. No advance booking.**

Further details available from: The Clerk,  
Yorkshire Philosophical Society, The Lodge,  
Museum Gardens, York, YO1 7DR  
Tel: 01904 656713

[www.ypsyork.org](http://www.ypsyork.org)

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