

# Large Hadron Collider

## Discover the greatest experiment on Earth at the Science Museum, November 2013

**'God' particles, time travel, big bangs and mini black holes...**

The Large Hadron Collider (LHC) at CERN, the European Organization for Nuclear Research, has captured the public's imagination like few other scientific endeavours. CERN's announcement in July of this year of a newly discovered particle, possibly the elusive Higgs boson, made headlines around the world.

The Science Museum's new temporary exhibition will transport visitors to the LHC to see the project through the eyes of the people who designed, built and operate it.

### Must-see encounters for the scientifically curious

A sophisticated experience for a culturally and scientifically aware adult audience, our exhibition will place the Science Museum at the forefront of public engagement in particle physics. The new exhibition will stand out as a high-profile event in London's cultural calendar and a 'must see' for anyone interested in science and big ideas.

Our visitors will be immersed in a dramatic experience that transports them to the heart of operations in the CERN control room. There they will meet a cast of characters who will reveal the daily stresses, challenges and thrills of running the 27-km-long collider and its four enormous detectors. They will then encounter real components of the LHC, specially loaned from CERN and collaborating universities, and discover the stories of the scientists and engineers behind them.

Finally, visitors will have the opportunity to set the LHC in its broader context, against the backdrop of the Science Museum's unique historical collections. Particle physics has come a long way in little more than a century, but there are many questions still to be answered; the Higgs boson discovery is just the beginning of a whole new adventure.



# Large Hadron Collider

## Become part of the greatest experiment on Earth at the Science Museum

As part of our work to attract a new adult audience, from 2013 we will be opening a series of temporary exhibitions which look at some of the most complex and intriguing scientific discoveries known to humankind. In order to develop and open these important new exhibitions, we need to find support from like-minded individuals.

We have created a series of donor circles to bring together small groups of supporters for our temporary exhibitions and in return bring you closer to the science that fascinates you. Our donor circles give you the opportunity to become involved with the development of a project through to the opening of the exhibition and beyond.

### Support for the LHC exhibition may be given at one of three levels:

- LHC Exhibition Supporter (a gift of £1000 or above)
- LHC Exhibition Patron (a gift of £5000 or above)
- LHC Exhibition Benefactor (a gift of £10,000 or above)

Members of each circle are invited to become part of the development of an exhibition through special events, visits to our collections and visits to other partner organisations.

To thank you for your support, Exhibition Patrons and Benefactors will be acknowledged on gallery and in the Science Museum Annual Review. Exhibition Supporters will be acknowledged in the Annual Review.

**If you would like to join the Large Hadron Collider exhibition donor circle, or discuss other ways to support the project, please contact:**

Lorna Cotter, Head of Major Donors

[lorna.cotter@sciencemuseum.ac.uk](mailto:lorna.cotter@sciencemuseum.ac.uk)

+44 (0)20 7942 4034

