

Collider

Step inside
the world's
greatest
experiment



HOUSES OF PARLIAMENT
PARLIAMENTARY OFFICE OF SCIENCE & TECHNOLOGY

SCIENCE
MUSEUM

Monday 11 November 2013, 5.00pm-7.00pm

Attlee Suite, Portcullis House

The Parliamentary Office of Science and Technology (POST) is delighted to host a reception in collaboration with the Science Museum, celebrating the launch of *Collider*, a major touring exhibition on the Large Hadron Collider at CERN. The exhibition will blend science and theatre to transport visitors into the heart of the most remarkable intellectual adventure of our times.

This reception will give attendees the opportunity to meet leading figures including **Professor Peter Higgs** and **Dr Steve Myers**, CERN's Director of Accelerators and Technology.

Guests will have an opportunity to see a preview of the Science Museum's exhibition and hear from the curators about the challenges of recreating the world's greatest experiment for visitors. They will be invited to explore and interact with exhibits provided by some of the UK's leading particle physics groups whilst hearing from them about their latest research in the field.

Programme

- 5.00pm Guests arrive
- 5.10pm Welcome and Introductions
Adam Afriyie MP, Chairman of POST
Ian Blatchford, Director of the Science Museum Group
Dr Steve Myers OBE, CERN's Director of Accelerators and Technology
Overview of *Collider* by exhibition curators Alison Boyle and Harry Cliff
Professor John Womersley, Chief Executive, Science and Technology Facilities Council
- 5.30pm Drinks reception and canapés
Opportunity to network, view the *Collider* trailer and interact with exhibits
- 7.00pm Evening concludes

To attend please email postevents@parliament.uk or telephone 020 7219 8377 by 31 October 2013. Please bring this invitation with you to access Portcullis House via the Main Entrance and allow twenty minutes to clear security.

Exhibitors



Collider: step inside the world's greatest experiment

This November, come on a journey inside the largest scientific experiment ever constructed. This immersive exhibition at the Science Museum blends theatre, video and sound art with real artefacts from the Large Hadron Collider at CERN, recreating a visit to the famous particle physics laboratory. We'll take you behind the scenes to witness the uncovering of the Higgs Boson, explore the 27-km collider and its cathedral-sized detector caverns, and discover how studying the subatomic world can point the way to a fuller understanding of our universe.

See history being made. Meet engineers who build the impossible. Walk the tunnels of CERN. Stand in the heart of a collision. Witness a moment of discovery. Step inside the world's greatest experiment...

13 November 2013 – 6 May 2014, Science Museum
sciencemuseum.org.uk/collider
#smCollider

The *Collider* exhibition is supported by:

Major Sponsors



Exhibition Benefactor

Embassy of Switzerland
in the United Kingdom

With additional support from

Advanced Oncotherapy plc
National Instruments
The Ogden Trust
Collider patrons and supporters

The following partners will be exhibiting at the event:

Science Museum

As the home of human ingenuity, the Science Museum's world-class collection forms an enduring record of scientific, technological and medical achievements from across the globe. Welcoming over 3 million visitors a year, the Museum aims to make sense of the science that shapes our lives. The Science Museum Group encompasses the Science Museum; National Railway Museum; Museum of Science and Industry; and National Media Museum.

Imperial College, London

Imperial College is a science-based institution with a reputation for excellence in teaching and research. The Physics department, one of the largest in the UK, has an internationally leading research programme. The High Energy Physics group has been influential in the design and construction of the CMS experiment at the LHC and in key data analyses.

Science and Technology Facilities Council (STFC)

STFC is one of the UK's seven publicly funded Research Councils responsible for supporting, co-ordinating and promoting research, innovation and skills development. We support particle physicists and engineers working in both our own laboratories and in UK universities. We are responsible for the UK's overall investment in CERN.

Cavendish Laboratory

University of Cambridge Researchers in the Cavendish Laboratory High Energy Physics Group probe the forces of nature at the Large Hadron Collider. Just like our huge detectors at CERN, our cloud and spark chambers exhibiting at this event at Westminster reveal the high energy particles that are all around us.

Parliamentary Office of Science and Technology (POST)

POST's aim is to help parliamentarians examine science and technology issues effectively. By writing briefings, organising events and assisting Select Committees, supporting parliamentarians in their decision-making since 1989.

University College London

UCL is a world-leading university based in Bloomsbury, central London. The Physics and Astronomy department has an undergraduate cohort of about 150 students per year. About thirty UCL staff and students work on the ATLAS experiment at the LHC.