

Beat: Technology

LHC Exhibition in Hong Kong

A chance to see what is inside

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USPA NEWS - One of the world's most expensive, greatest and most technologically advanced experiments is now on exhibition in the Hong Kong Science Museum. It gives the general public a rare look into (quite literally) the Large Hadron Collider (LHC) in Geneva, Switzerland.

One of the world's most expensive, greatest and most technologically advanced experiments is now on exhibition in the Hong Kong Science Museum. It gives the general public a rare look into (quite literally) the Large Hadron Collider (LHC) in Geneva, Switzerland. In fact, it's so large that the docent in the museum mentions that it crosses the border into France on two occasions.

The LHC is an enormous 27-kilometer superconducting magnetic ring that collides electrons together. Though it sounds easy, being able to crash two tiny electrons together in a tube about five centimeters wide would be like trying to make two toothpicks meet by shooting them across the Atlantic Ocean. The LHC's mission is to advance human knowledge on advanced scientific theory on the interactions of particles, it is also where the Higgs-boson particle was discovered.

The exhibition on the huge particle physics facility includes both artifacts from the Science Museum in London relating to physics and pieces from The European Organization for Nuclear Research (CERN). The key exhibits include the cathode ray tube that JJ Thompson used to discover the electron in 1897, several slices of what the LHC tubes look like on the inside, and the accelerating and decelerating cavities that were used to beam electrons around the tube at light speed.

Exhibition date: March 18 ““ May 25, 2016

Opening hours: weekdays 10am-7pm, weekends 10am-9pm, closed on Thursdays

Tickets: HK\$25 full price, HK\$12.5 concession, free on Wednesdays

Site: <http://hk.science.museum/ms/collider2016/eindex.html>

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