

Photos taken at the exhibition in Geneva 2 April - 28 June 2009





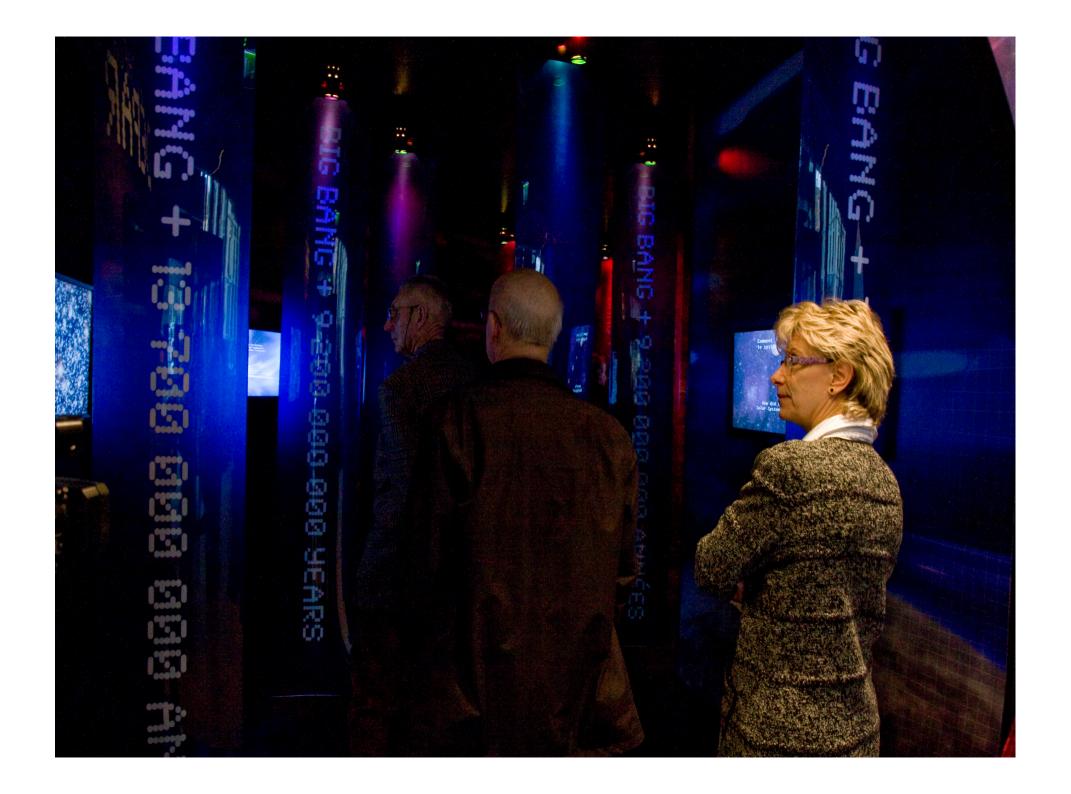
Entrance + Time tunnel

"You, the people you love and everything around you are made from particles that originated at the very beginning of the Universe."

The entrance tunnel, takes the visitor on a trip back from today to the moment just after the Big Bang.







Zone 1: The Big Bang theatre

 In the centre of the zone, visitors lean over a safety rail to peer into the void beneath as if suspended over space. A dynamic, timed audio visual show, projected into this space, tells the story – from the moment of Big Bang to the present day.





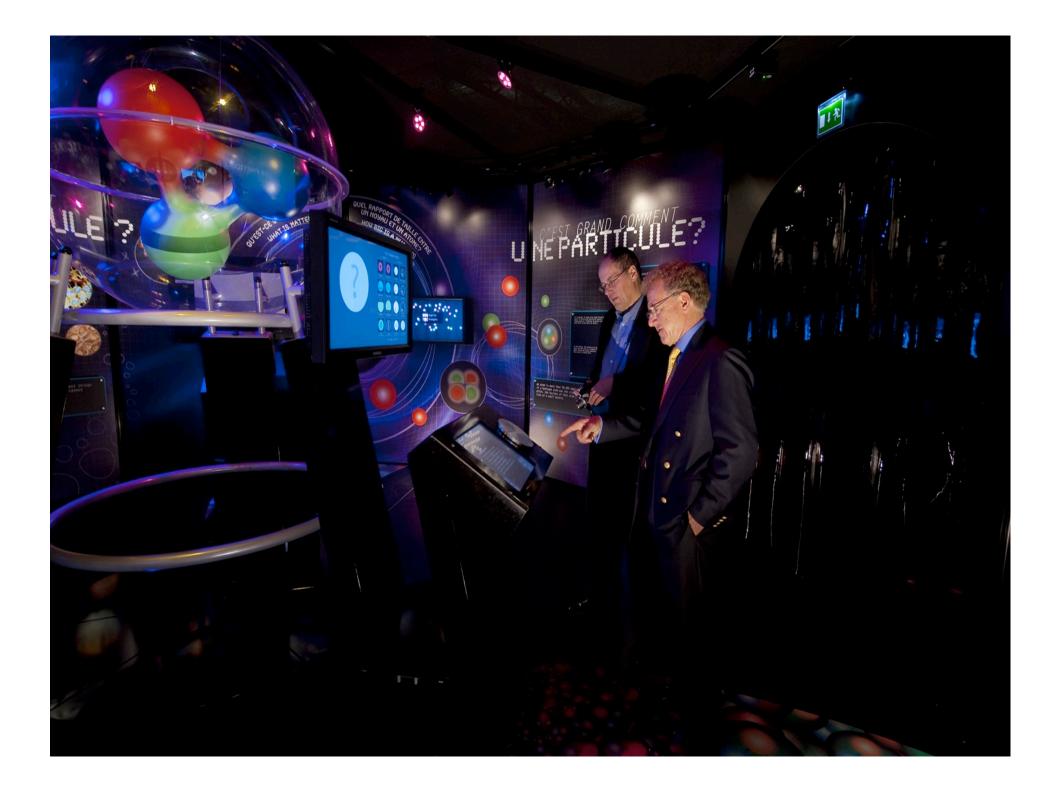


Zone 2: Particles matter

- This zone explains the nature of particles, introduces the particle 'families' found in the standard model, and inspires visitors to ask big questions about particles.
- The interactive elements include a facebook-type treatment explaining particle relationships, a video showing the astonishingly small scale of fundamental particles and an interactive game showing the relationship between energy and mass.











Zone 3: Mysteries of the universe

"All visible matter accounts for just 4% of the universe. So where's the rest of it?"

 The visitor steps inside a dome to hear scientists talk about the mysteries and possible answers - where particles get their mass from (the Higgs field), dark matter, anti-matter and quark-gluon plasma.







Zone 4: Exploring Matter

- This zone is dedicated to an explanation of the Large Hadron Collider (LHC). At the centre of the space is a three-dimensional model featuring a topographical map of the countryside above the LHC with a transparent side, enabling the visitor to look at what happens below ground.
- The visitor interacts with the model to see how particles can pass through layers of the detector during collisions. Screen animations capture the moment of actual 'events'.







Zone 5: A world of fundamental research

 In the centre of the space two interactive light boxes form dramatic image grids, illustrating the amazing range of technologies that enrich our lives in every field – from television to radar to GPS to medical applications to the internet.





