



The Discovery of the Higgs Boson – A Step Closer to the Big Bang

APPEAL-4

Discovery of the Higgs Boson – Step Closer to the Big Bang – what's next?

APPEAL-5

The International Year of Light

APPEAL-6

*Understanding the Universe – From
Gravitational Waves to Sub-atomic Particles*

APPEAL-7

APPEAL-7

11th June 2016

organized by

CERN, JAI, STFC & University of Oxford

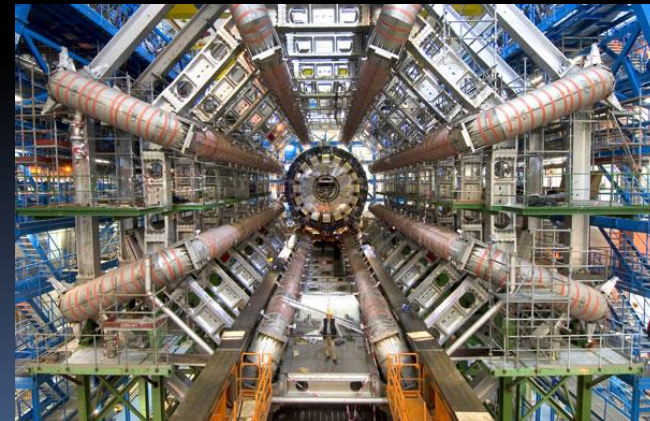
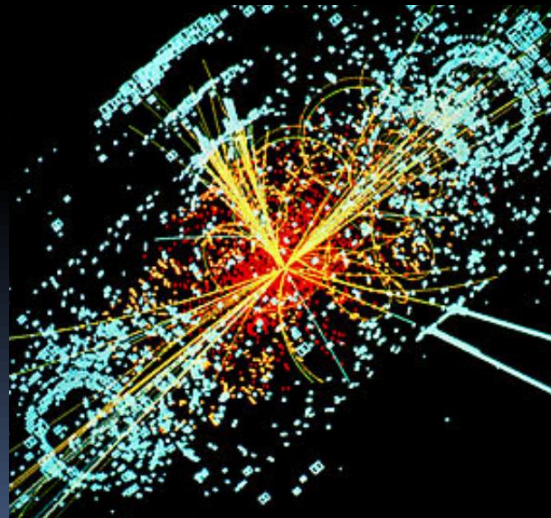
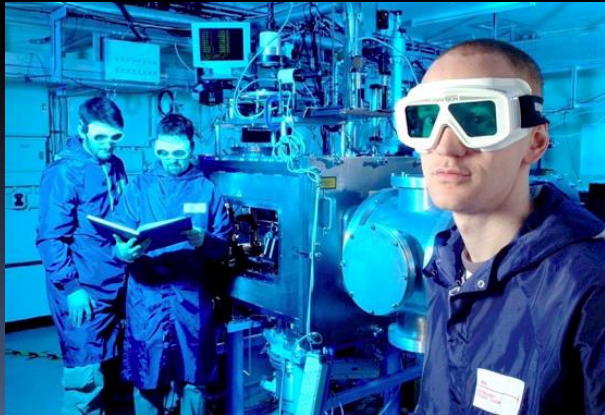
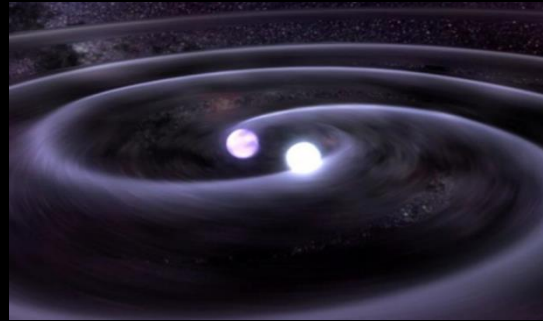
WELCOME

Professor Andrei A. Seryi

John Adams Institute for Accelerator Science

Understanding the Universe – From Gravitational Waves to Sub-atomic Particles

and accelerators, lasers, particles, colliders...



The program, main elements

- The Discovery of Gravitational Waves
 - Subir Sarkar
- Introduction to Accelerators
 - Andrei Seryi
- Physics at Oxford
- *Lunch at Jesus College*
- Accelerators at the High-Energy Frontier
 - Emmanuel Tsesmelis
- Applications of Accelerators
 - Suzie Sheehy
- Laboratory Workshop on Michelson Interferometer
 - Suzie Sheehy