

# WELCOME



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

## APPEAL-4

15<sup>th</sup> June 2013

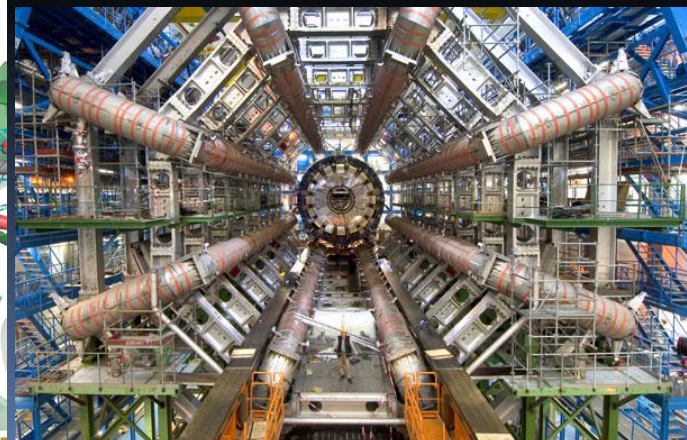
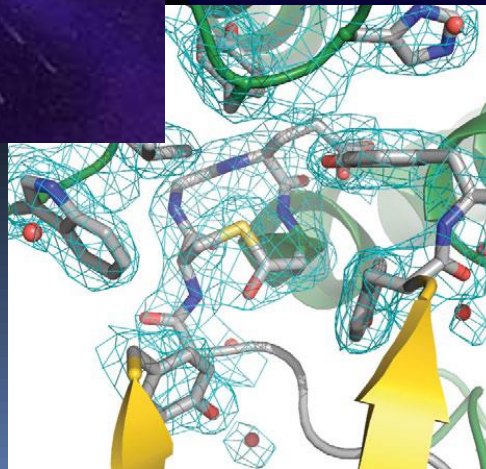
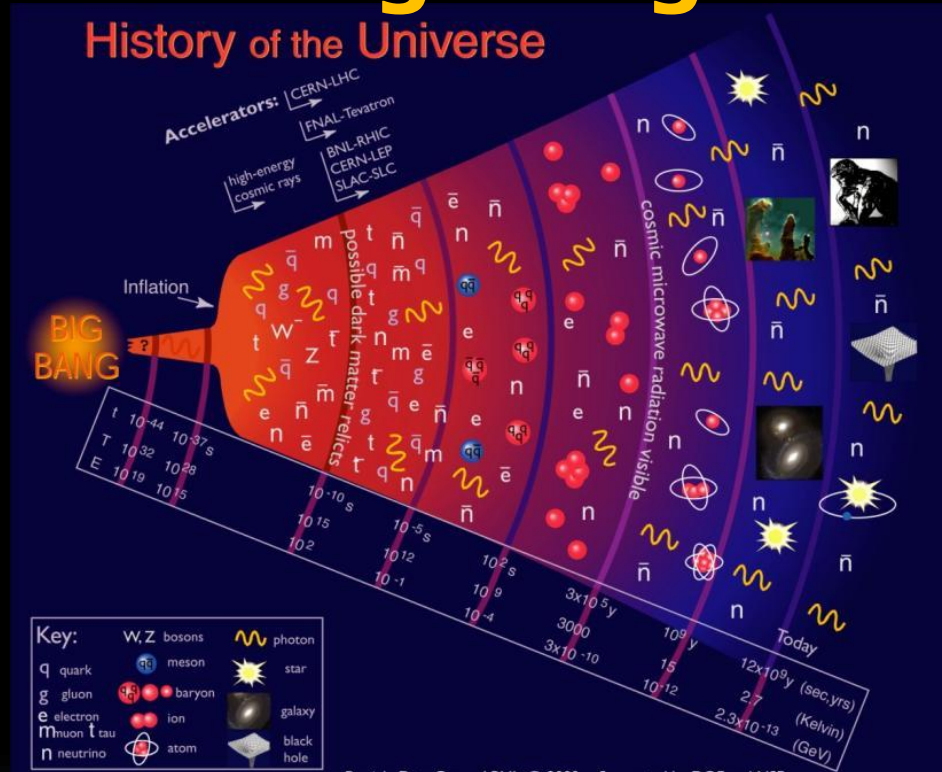
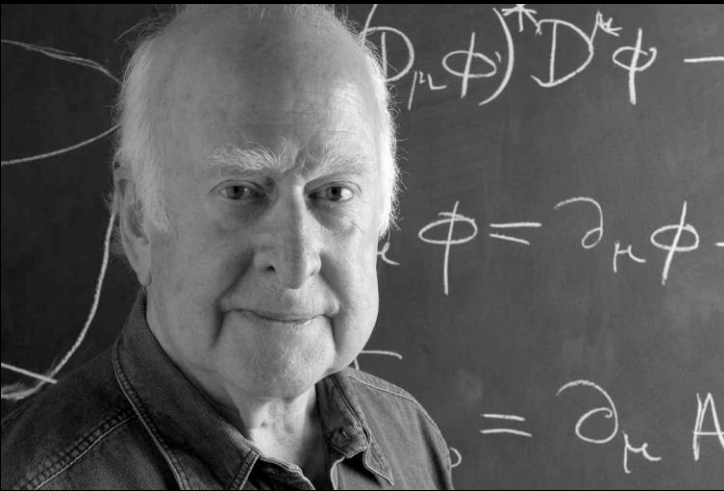
organized by

CERN, JAI, STFC & University of Oxford

Professor Andrei A. Seryi

John Adams Institute for Accelerator Science

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



# The program, main elements

- Particle Physics: Facts and Fantasy
  - Ken Peach
- Introduction to Particle Accelerators
  - Andrei Seryi
- Universal Gravitation: A History of Surprises
  - Steven Balbus
- Oxford Explained: Funding at the University of Oxford
- Discovery Science with the LHC
  - Emmanuel Tsesmelis
- Applications of Particle Accelerators outside Particle Physics
  - Suzie Sheehy
- Lunch and Visit at Jesus College
- Small group activities: Measurement of the Acceleration due to Earth's Gravitational Field