



# WELCOME



## APPEAL-3

9<sup>th</sup> June 2012

organized by

CERN, JAI, STFC & University of Oxford

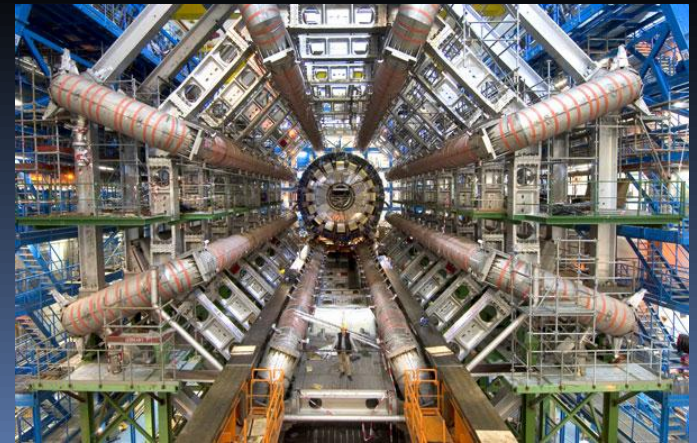
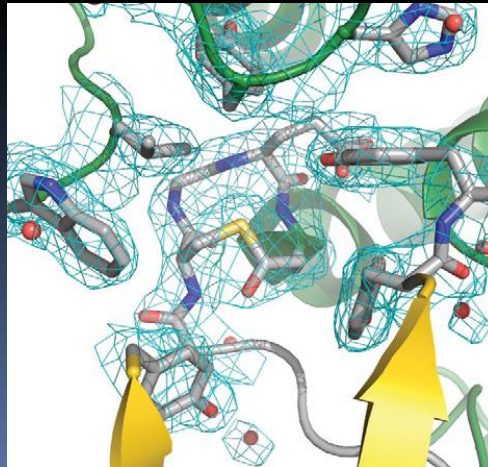
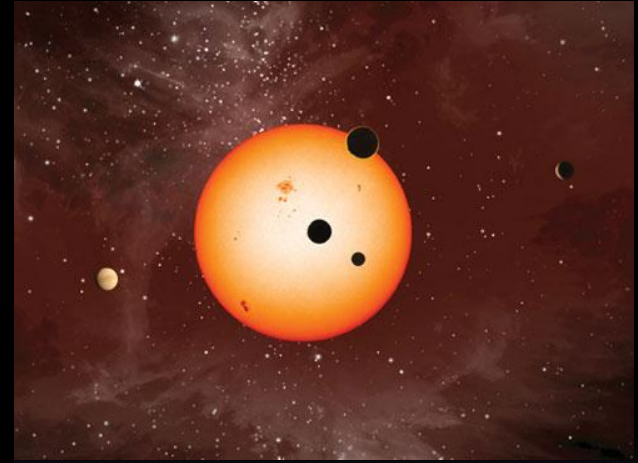
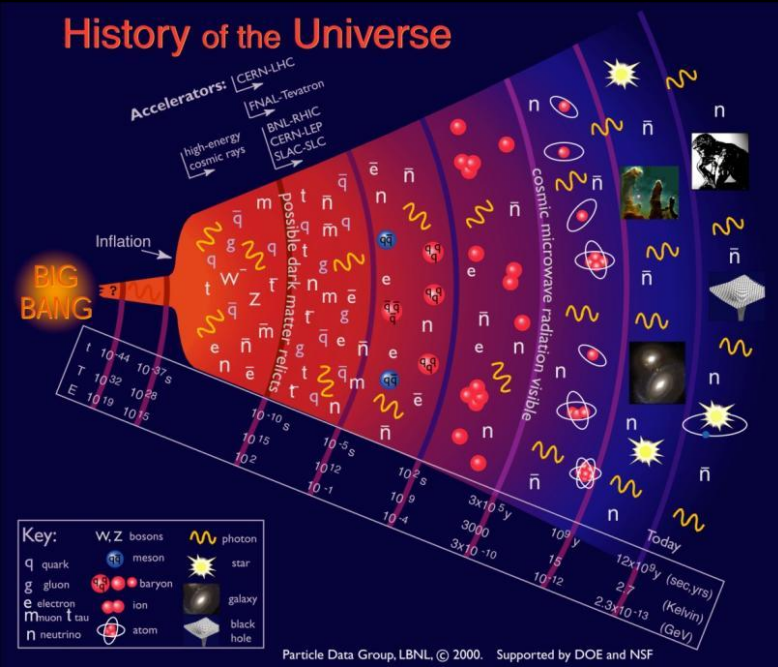
*Searching for the New Worlds -  
from Planets to Subatomic  
Particles*

Professor Andrei A. Seryi

John Adams Institute for Accelerator Science

# Searching for the New Worlds - from Planets to Subatomic Particles

## History of the Universe



# The program, main elements

- Planetary transits: Venus's legacy
  - Charlie Barclay
- Particle Physics: Facts and Fantasy
  - Ken Peach
- Introduction to Accelerator Physics and Applications
  - Andrei Seryi
- Discovery Science with the LHC
  - Emmanuel Tsesmelis
- Lunch and Visit at Jesus College
  
- Small group activities: Transit lab activity & 'Planet Hunter'