

Department of Physics

# Special Public Lecture

## Dr John Grunsfeld

Space Telescope Science Institute

### 'The Hubble Story'

Wednesday, 30 November 2011 at 5.15pm

*(to be seated by 5.05pm)*



In May 2009 a team of astronauts flew to the Hubble Space Telescope on space shuttle Atlantis. On their 13 day mission and over the course of 5 spacewalks they completed an extreme makeover of the orbiting observatory. They installed the Wide Field Camera-3, the Cosmic Origins Spectrograph, repaired the Advanced Camera for Surveys and the Space Telescope Imaging Spectrograph, as well as a number of maintenance activities. The Hubble Space Telescope story has been a fascinating study in public policy, engineering, ethics, and science. For the first time on orbit the Hubble has a full complement of instruments capable of performing state-of-the-art observations from the near infra-red to the ultraviolet end of the spectrum. Scientific results from the new and repaired instruments hint at a bright scientific future for Hubble and will be presented in the talk as well as a narrative of the adventures on orbit.

*Tickets available from [conference@astro.ox.ac.uk](mailto:conference@astro.ox.ac.uk) or contact 01865 273302*

The Lecture will be followed  
by a Drinks Reception

Martin Wood Lecture Theatre,  
Parks Road, Oxford