

TATA INSTITUTE OF FUNDAMENTAL RESEARCH
DEPARTMENT OF ASTRONOMY & ASTROPHYSICS

ASTRONOMY SEMINAR

February 25, 2010

Speaker : Prof. John Stocke,
University of Colorado at Boulder, USA

Title : New Results from a Recently Refurbished
Hubble Space Telescope

Day, Date & Time : Tuesday, 2 March, 2010 11.30 hrs

Venue : Lecture Theater (D405)

(H.M. Antia)

Abstract

In this talk I will highlight results obtained from the Cosmic Origins Spectrograph (COS), installed on the Hubble Space Telescope last May. COS is 10--30 times more sensitive than previous UV spectrographs on Hubble at a resolution of ~ 20,000. I will describe some first results from observations made with COS by the Instrument Team, especially in the areas of the Intergalactic Medium and Extra-Solar Planets.