



*Università di Pisa
Scuola di Dottorato
Galileo Galilei
School of Graduate Studies*

SEMINARIO GALILEIANO

Dr. David Soderblom

Space Telescope Science Institute - USA

*"Servicing the Hubble Space
Telescope: Two decades of
success"*

The design and operating concept for HST were developed in the 1970s and 1980s, at a time when NASA was also designing and building the Space Shuttle. In many ways the Space Telescope and the Space Shuttle were built around each other. One important aspect of the Space Shuttle was that it would be able to be launched often and cheaply, and so regular maintenance and refurbishment of the Space Telescope could make it useful for many years, just like a ground-based telescope.

A telescope that could be serviced and upgraded in orbit was a new idea and no one knew just how it would be done. I will talk about some of the history of the Space Telescope and in particular about the servicing of HST and how that has worked from its original concept to today. I will also describe what was done in the most recent Servicing Mission in May.

Martedì 30 Giugno 2009 - ore 15:00

Aula 131 - piano terra - Ed. C

Dipartimento di Fisica "E.Fermi"