

The Bologna Workshop

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STUC, October 18-19

A Workshop to raise awareness in Europe on the expanded scientific capabilities of Hubble after Servicing Mission 4

29-31 January 2008
Bologna, Italy



SCIENCE WITH THE NEW

HUBBLE

SPACE TELESCOPE

AFTER SERVICING MISSION 4

A workshop to discuss the unprecedented scientific capabilities of the HST after Servicing Mission 4 presently scheduled for early August 2008.

29-31 JANUARY, 2008
Bologna, Italy
CNR Conference Center

Science Organizing Committee:
Tim de Zeeuw (ESO), Robert Fosbury (ST-ECF/ESA), Eva Grebel (U. Heidelberg), Jim Green (U. Colorado), David Lockrone (NASA/BSFC), Duccio Macchetto (STScI/ESA), Antonella Nota (STScI/ESA), Robert O'Connell (U. Virginia), Francesco Paresce (IASF-BO) Chair, I. Neill Reid (STScI), Nick Scoville (Caltech), Monica Tosi (INAF/OA-BO), Alfred Vidal-Madjar (IAP/CNRS)

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Objective of the Workshop

1. inform the general astronomical community of the exciting scientific opportunities offered by the refurbished HST in the area of ultraviolet to near infrared imaging and spectroscopy,
2. provide insight in and detailed information on the new HST imaging and spectroscopic capabilities and characteristics and general information about the mission,
3. provide more detailed information about initial calibration observations, the COS Guaranteed Time (GTO) observing programs and plans for Early Release Observations (ERO) and Early Release Science (ERS) with both COS and WFC3,
4. provide future GOs with details in the area of astronomical observing templates, observation planning, data reduction, and data products and archiving.

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Jim Green (U. Colorado)

Jerry Kriss (STScI)

David Leckrone (NASA GSFC)

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Alvio Renzini (INAF/OA-PD)

Nick Scoville (Caltech)

Monica Tosi (INAF/OA-BO)

Alfred Vidal-Madjar (IAP/CNRS)

Introduction

- Characteristics of the refurbished Hubble
- WFC3: Capabilities, ERS program
- COS: capabilities, GTO program

Science: wide variety of topics, including:

Solar System, Debris Disks, Exoplanets, Stars, Resolved & Unresolved Stellar Populations, Nearby Galaxy Surveys, Galactic Nuclei and AGN, Gamma Ray Burst, Cosmology, SNe, Dark Energy, Lensing, Cosmic Web, Galaxy Formation, High z Universe

Technical: opportunities to discuss performance and calibration issues - STScI and ST-ECF support

Register @
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