

## 2005 HST Calibration Workshop

5:00 - 7:00	Evening Reception & Registration Cash bar available
<b>Wednesday, October 26, 2005</b>	
8:30 - 9:00	<b>Breakfast &amp; Registration</b>
9:00 - 9:05	Welcoming remarks Matt Mountain
<b>SPECTROGRAPHS 1</b> <i>Chair: Gerard Kriss</i>	
9:05 - 9:25	Review and Status of STIS Closeout Paul Goudfrooij
9:25 - 9:40	STIS First-Order Spectroscopic Flux Calibration Charles Proffitt
9:40 - 10:00	The HST/STIS Next Generation Spectral Library Michael Gregg
10:00 - 10:20	STIS Calibration Enhancement: Implementation of Model Based Techniques for Wavelength Calibration and Charge Transfer Inefficiency Paul Bristow
10:20 - 10:40	Correcting STIS CCD Spectra for CTE Loss Paul Goudfrooij
10:40 - 11:00	<b>Coffee-Break/Poster Session</b>
11:00 - 11:20	Some Neglected Pixel Problems Kris Davidson
11:20 - 11:40	Spectral Extraction of Extended Sources using Wavelet Interpolation Paul Barrett
11:40 - 12:00	Improving Rectification of Spectral Images Linda Dressel
12:00 - 12:20	Towards a Comprehensive Sensitivity Calibration of the STIS Echelle Modes Alessandra Aloisi
12:20 - 12:40	STIS Calibration Enhancement: Dispersion Solutions Based on a Physical Instrument Model Florian Kerber
12:40 - 2:00	<b>Lunch</b>
<b>SPECTROGRAPHS 2</b> <i>Chair: Linda Dressel</i>	
2:00 - 2:15	NUV-MAMA Prism Calibration Jesús Maíz Apellániz

2:15 - 2:35	Results from the Calibration of the Cosmic Origins Spectrograph James Green
2:35 - 2:55	2-minute Slide Poster Presentations
<b>TWO-GYRO MODE AND FGS</b> <i>Chair: Rodger Doxsey</i>	
2:55 - 3:15	HST Two-Gyro Mode Kenneth Sembach
3:15 - 3:30	FGS Astrometry in Two-Gyro Mode Edmund Nelan
3:30 - 3:45	The Optical Field Angle Distortion Calibration of HST Fine Guidance Sensors 1R and 3 Edmund Nelan
3:45 - 4:05	<b>Coffee-Break/Poster Session</b>
<b>HST SOFTWARE, ARCHIVE &amp; VIRTUAL OBSERVATORY</b> <i>Chair: Tony Keyes</i>	
4:05 - 4:20	The New GSC-II and its Use for HST Brian McLean
4:20 - 4:40	The HST Archive Karen Levay
4:40 - 5:05	Where Will PyRAF Lead Us? The Future of Data Analysis Software at STScI Perry Greenfield
5:05 - 5:25	The National Virtual Observatory and HST Robert Hanisch
5:30 - 6:30	<b>DISCUSSION: Spectrographs/CTE</b> <i>Lead: Paul Goudfrooij</i>
<b>Thursday, October 27, 2005</b>	
8:30 - 9:00	<b>Breakfast</b>
<b>IMAGERS 1</b> <i>Chair: Ron Gilliland</i>	
9:00 - 9:30	ACS Calibration Status Kenneth Sembach
9:30 - 10:00	Modeling and Correcting the Time-Dependent ACS PSF for Weak Lensing Jason Rhodes
10:00 - 10:20	The Photometric Calibration of ACS Marco Sirianni
10:20 - 10:40	Calibration of the ACS Emission-Line Filters Robert O'Dell
10:40 - 11:00	<b>Coffee-Break/Poster Session</b>

11:00 - 11:25	Slitless Spectroscopy with the Advanced Camera for Surveys Martin Kümmel
11:25 - 11:45	Selection and Characterization of "Interesting" Grism Spectra Gerhardt Meurer
11:45 - 12:05	Distortion in the WFC Camera Jay Anderson
12:05 - 12:35	2-minute Slide Poster Presentations
12:35 - 2:00	<b>Lunch</b>
<b>IMAGERS 2</b> <i>Chair: John MacKenty</i>	
2:00 - 2:20	ACS Flatfield Update and New SBC L-flats Ron Gilliland
2:20 - 2:35	Pipeline Calibrations of ACS Data Max Mutchler
2:35 - 3:00	WFPC2 Status and Calibration John Biretta
3:00 - 3:25	Calibration Status and Results for Wide Field Camera 3 Randy Kimble
3:25 - 3:45	<b>Coffee-Break/Poster Session</b>
<b>ANALYSIS OF DITHERED, UNDERSAMPLED DATA</b> <i>Chair: Kailash Sahu</i>	
3:45 - 4:05	Finding Stars in Undersampled ACS Images Harvey Richer
4:05 - 4:25	MultiDrizzle Overview and Future Plans Anton Koekemoer
4:25 - 4:55	Band-limited Imaging from Undersampled Data Andrew Fruchter
4:55 - 6:30	<b>DISCUSSION: Dithering/Undersampled</b> <i>Lead: Anton Koekemoer</i>
<b>WORKSHOP DINNER</b>	
7:30	Cash bar
8:00	Dinner
<b>Friday, October 28, 2005</b>	
8:30 - 9:00	<b>Breakfast</b>
<b>INFRARED IMAGERS</b> <i>Chair: Tommy Wiklind</i>	
9:00 - 9:30	NICMOS Status Roelof de Jong

9:30 - 9:50	A Study of NICMOS Non-linearity Bahram Mobasher
9:50 - 10:10	NICMOS Calibration Challenges in the Ultra Deep Field Rodger Thompson
10:10 - 10:35	Temperature and Bias Variation and Measurement in the NICMOS Detectors Louis Bergeron
10:35 - 10:50	2-minute Slide Poster Presentations
10:50 - 11:10	<b>Coffee-Break/Poster Session</b>
11:10 - 11:35	Polarimetry with NICMOS Dean Hines
11:35 - 11:55	Differential NICMOS Spectrophotometry at High Signal-to-Noise Ronald Gilliland
11:55 - 12:10	NIC3 FOM Dithered Observations of the Orion Nebula Louis Bergeron
12:10 - 12:35	HST Observations in Support of JWST Calibration James Rhoads
12:35 - 12:40	Closing remarks
12:40 - 12:50	Recess to grab lunch
12:50 - 1:50	<b>LUNCH/SPLINTER SESSION: Imagers</b> <i>Lead: Massimo Stiavelli</i>