2003 Spring Applications Awarded Time

Michael L. Sitko, Ray W. Russell, Ann L. Sprague
Thermal Emission Spectroscopy of the Moon

Barry Rothberg, Robert D. Joseph
Infrared Spectral Search for Star-Formation in Mergers

Yan R. Fernandez, James Bauer, Scott Sheppard, David Jewitt
New Reflectance Spectra of Trojans and Centaurs

Joshua P. Emery, Robert H. Brown
Near-Infrared Spectroscopy of Trojan Asteroids

Almudena Alonso-Herrero, Masatoshi Imanishi, Alice Quillen
The Nature of LINERs

Margaret Hanson, Rolf-Peter Kudritzki
Near-Infrared Quantitative Spectroscopic Analysis of OB Stars

Therese A. Encrenaz, Bruno Bezard, Mirel Biran
Venus: A Search for Active Volcanism and a Study of Dynamics

Therese A. Encrenaz, Thomas Greathouse, Matt Richter
Mars: A Search for H$_2$O$_2$ and Mapping of O$_3$

Mirel Birlan, Antonella Barucci, Schelte J. Bus, Marcello Fulchignoni, Richard Binzel, Sonia Fornasier, Elisabetta Dotto
Near-IR Spectra of 140 Siwa and 4 Vesta, Targets of Rosetta and Dawn Missions

Adam J. Burgasser, M. McElwain, J. D. Kirtkpatrick
Spectroscopic Followup of 2MASS T Dwarf Candidates with SpeX

Charles E. Woodward, Michael S. Kelley, Terry J. Jones
IR AO Imaging Polarimetry of Protoplanetary Disks

Thomas Harrison, Heather Osborne
Searching for the "Circumbinary" Disks of Cataclysmic Variables Using JHKLM Photometry

Thomas Harrison, Heather Osborne
The Observation of Isotopic and Chemical Abundance Variations in Cataclysmic Variables

Masatoshi Imanishi, Kentaro Aoki
The AGN-Starburst Connection in Seyfert 2 Galaxies
Kelly E. Fast, Theodor Kostiuk, Fred Espenak
Seasonal Ozone Variation and the Stability of the Martian Atmosphere

Heidi B. Hammel, Michael Cushing, Mark S. Marley
Coordinated L and T Dwarf Variability Measurements Using SpeX

Terry J. Jones, Michael S. Kelley, Charles E. Woodward
Infrared Imaging Polarimetry of High Mass Loss Stars

11.7 µm Radiometry of Near-Earth Asteroids and their Progenitors

Alan Tokunaga, Roger F. Knacke, John Rayner
Infrared Spectroscopy of the Eclipsing Pre-Main Sequence Star KH 15D

Benjamin McCall, Matt Richter, John H. Lacy
A New Search for Interstellar and Circumstellar C60

John Rayner, Michael Gregg, David Silva, William D. Vacca
SpeX Extension of the HST Next Generation Spectral Library

Glenn Orton, P. Yanamandra-Fisher, Kevin H. Baines
Weather and Climate Variability in Saturn: Cassini Mission Atmospheric Investigation Support

Glenn Orton, Brendan Fisher
Mid-IR Rotational Variability of Titan: Probing the Troposphere and Surface

Howie Marion, Peter Hoflich, J. Craig Wheeler, William D. Vacca
Near Infrared Spectroscopy of Type Ia Supernova

Vladimir A. Krasnopolsky, John H. Lacy, Matt Richter
Mapping of High-Altitude Ozone and CO on Mars and Search for SO2

Alan W. Harris, Schelte J. Bus, M. Delbo, Lynne K. Deutsch, James Adams, Marc Kassis, Joseph L. Hora
Phase-Angle Effects in Determining Albedos and Sizes of Near-Earth Asteroids

Tom Stallard, Steve Miller, Laurence M. Trafton, Tom Geballe, Robert D. Joseph
Winds and Energy Transfer in the Upper Atmosphere of Jupiter

Tom Stallard, Steve Miller, Laurence M. Trafton, Tom Geballe, Robert D. Joseph
Ion Winds in the Saturn's Auroral Region

William C. Keel, Ian Smail, Clark R. Chapman
Narrow-band Imaging of SCUBA Galaxies

Andy Fruchter, James E. Rhoads, Jose Marie Castro Ceron, Javier Gorosabel, Ingunn Burud
Gamma-Ray Bursts and their Host Environments

Beverley J. Wills, Juntao Yuan, Michael Brotherton, Mark Lacy, Dan Vanden Berk, Gordon Richards, Ari Laor, Robert Becker
Black Hole Accretion & Outflows at z ~ 2

Jonathan Williams, Alan Tokunaga, Lynne K. Deutsch, Joseph L. Hora, Joseph Adams, Marc Kassis, James DiFrancesco, Doug Johnstone
MIRSI Observations of Young Stellar Groups in Serpens and Monoceros

Scott Sheppard, David Jewitt
Spectroscopy of Dead Comet Candidates

Andrew S. Rivkin, Ellen S. Howell, Schelte J. Bus
Hydrated Minerals on C-class Asteroids: Does Size Matter?

Nathan Smith, Robert Gehrz
Shock Excited [Fe II] 1.644 μm Emission in the Circumstellar Nebula of P Cygni

Michael Cushing, Heidi B. Hammel, Mark S. Marley
Searching for Variability in L and T Dwarf Using SpeX

S. Dahm, Theodore Simon
Infrared Spectroscopy of X-ray Sources in NGC 2264

Leslie A. Young, Eliot Young, William M. Grundy
Infrared Spectral Evidence for Global Change on Triton

David Klassen, David Glenar, Jim Bell
NIR Spectral Imaging of Martian Condensate Clouds

Keith S. Noll, Sang J. Kim, Soojong Pak, Tom Geballe
Mesospheric Temperatures of Jupiter and Saturn from the $\nu_3+\nu_4-\nu_4$ Band of CH$_4$

Michael S. Kelley, Anthony Hicks, Michael J. Gaffey
Compositional Investigation of Dynamical Families with Uncommon Classes of Asteroids

Amanda S. Bosh, James L. Elliot, Catherine B. Olkin, Richard G. French, John Rayner
Saturn before Cassini: The Occultation of S0308

Tracy Beck, Michal J. Simon, Lisa Prato
Probing the Nature and Environment of Young Stars by 2-4 μm SpeXtroscoopy
K. Cruz, I. Neill Reid
The Coolest, Nearest L Dwarfs

P. Yanamandra-Fisher, Glenn Orton
Seasonal Variability of Phosphine in Saturn’s Troposphere

Solange Ramirez, Kristen Sellgren, Robert Blum
CNO abundance, $^{12}\text{C}/^{13}\text{C}$, and Mixing in Galactic Center Stars

Matt Richter, John H. Lacy, Daniel Jaffe, Geoff A. Blake
The TEXES 15 M$_{\text{Earth}}$ H$_2$ Survey: Run 2 of 4

Timothy A. Livengood, Theodor Kostiuk, William C. Maguire, John C. Pearl, Drake Deming, Fred Espenak, Kelly E. Fast, Tilak Hewagama
The Physics of Non-LTE CO$_2$ Emission Observed by Mars Global Surveyor TES

David Turnshek, Sandhya Rao, Daniel Nestor, Eric Monier
The Nature of Damped Lyman-Alpha Galaxies: The SDSS-HST Sample

Jasmina Marsh, Daniel Jaffe, Alan Tokunaga
Next Generation Spectroscopic Survey of the Rho Oph Protostellar Cluster

Julie Rathbun, John R. Spencer, Jay Goguen
Occultations of Io by Jupiter and other Galilean Satellites

Nancy Chanover, Mark Vincent, Reta Beebe
Temporal Evolution of Jovian Cloud Structure

L. A. Sromovsky, P. M. Fry
Spectroscopy and Imaging of Neptune with SpeX

L. A. Sromovsky, P. M. Fry
Multispectral Imaging of Neptune with Adaptive Optics

Qingfeng Zhu, John H. Lacy
Mid-Infrared Ionic Line Observations of UCHII Regions

John H. Lacy, Matt Richter, Gene Serabyn
[Ne II] from Sgr A West: Gas Flow Around a Massive Black Hole

Terrence W. Rettig, Sean Brittain, Craig Kulesa
Observation of CO and H$_3^+$ in HD141569 and DoAr21

Jack E. P. Connerney, Takehiko Satoh
Long-Term Observation of Jupiter’s Magnetosphere Using NSFCAM Images of H$_3^+$
Robert D. Joseph, John H. Lacy
Coronal Line Spectroscopy of Bright Seyfert Galaxies

Lisa Prato
Characterization of Low-Mass Candidate Young Star Spectroscopic Binaries

Robert Novak, Michael J. Mumma, Michael DiSanti, Neil Dello Russo, Karen Magee-Sauer
Photochemical Mapping of Mars: Search for CH₄, D/H Ratio, and Ozone/Water Map

Marc Kassis, Lynne K. Deutsch, Emma Bakes
The Structure of Edge-On PDRs at Mid-Infrared Wavelengths

Daniel Jaffe, John H. Lacy, Matt Richter
In Search of the Elusive Disks Around Young OB Stars

Michael Gregg, Mark Lacy, Eilat Glikman, Robert Becker, Richard White
Infrared Bright, Optically Hidden Quasars

Jay Goguen
AOS Imaging to Map the Distribution of Io's SO Emission

Eliot Young, William M. Grundy, Leslie A. Young, John R. Spencer
A Search for Amino Acid Precursors on Satellites of Jupiter and Uranus

M. A. Chamberlain, Robert H. Brown
Infrared Spectroscopy of the Irregular Jovian Satellites

Schelte J. Bus, Jessica Sunshine
Mineralogical Study of S-type Asteroid Families

Kristen Sellgren, Robert Blum
2-4 Micron Continuum and the 3.3 Micron Feature in NGC 7023

W.P.S. Meikle, Robert D. Joseph, Monica Pozzo
Infrared study of nearby type II supernova 2002hh