Fall 2000 Applications Awarded Time

Pierre Drossart, J. H. Waite, Glenn Orton, Th. Fouchet, Th. Widemann, R. Gladstone, Kevin H. Baines
Structure of Jupiter and Saturn from the Stratosphere to the Ionosphere

Caitlin Griffith, John Rayner
Characterizing Titan's Clouds

Richard Binzel, Schelte J. Bus
Near-Earth Objects: A Population and Exploration Assessment

Jack E. P. Connerney, Takehiko Satoh
Long-Term Observation of Jupiter’s Magnetosphere Using NSFCAM Images of H₃⁺

Tracy Beck, Michal J. Simon
T Tau South and Haro 6-10 North: Variably Obsured Stars

Glenn Orton, Brendan Fisher, P. Yanamandra-Fisher
Observations of Jupiter for Galileo and Cassini Support

Glenn Orton, P. Yanamandra-Fisher
Time-Evolution Observations of Jupiter for Galileo and Cassini Support

Theodor Kostiuk, Frank Schmuelling, Timothy A. Livengood
Jovian Thermal IR Aurora and the Solar Cycle: A Long Term Study

James Bauer, Karen J. Meech, Tobias Owen, Yanga Fernandez, Jana Pittichova
NIR Spectroscopy of Centaurs and Outer Planet Satellites

I. Neill Reid, David Koener, J. D. Kirtkpatrick
3 to 5 µm Photometry of Ultracool Dwarfs

I. Neill Reid, David Koener, J. E. Gizis
A Search for Brown Dwarf and Super-Jovian Companions to Ultracool Dwarfs

Ferederick M. Walter, William Sherry, Scott Wolk
Brown Dwarfs in the Orion OB1 a and b Associations

George Bendo, Robert D. Joseph
Star Formation in a Representative Sample of Spiral Galaxies

F. Poulet, Dale P. Cruikshank, J. Cuzzi, Ted Roush
Near-Infrared Spectroscopy of Saturn’s Rings

David K. Lynch, Ray W. Russell
High S/N Search for 3-13 µm Dust Emission Features in C/1999 T1 (McNaught-Hartley)

John Rayner, Michael Cushing, William D. Vacca
Spectroscopy of Cool Stars and Brown Dwarfs

Miwa Goto
Pin Pointing Formation Site of Carbon Dust in the Egg Nebula
Trace Molecules in the Upper Atmospheres of Jupiter and Saturn
Bruno Bezard, Caitlin Griffith, Thomas Greathouse, John H. Lacy

Photometric Calibration of Selected Mid-Infrared Standard Stars
Michael E. Ressler, Gerry Neugebauer

Probing the Coronal Line Region in Narrow-Line Seyfert 1 Galaxies
Alberto Rodriguez-Ardila, Lisa Prato, Mariani G. Pastoriza

Thermal Waves, Convection, and Bolometric Heat Flux on Jupiter
Joseph Harrington, Drake Deming, Gordon Bjoraker

Observations of Pure-Rotational H$_2$ and H$_3^+$ Lines in the Spectra of Jupiter and Uranus
Laurence M. Trafton, John H. Lacy, Steve Miller

The Helium Exosphere of Extrasolar Planet HD 209458b
Dimitar D. Sasselov, Sara Seager, Robert Noyes

Near-Infrared Spectra of Young Stellar Objects: Probing Disk Evolution
James Muzerolle, Kevin Luhman, Lee Hartmann, Nuria Calvet

Sorting Out IRc2: Infrared Spectroscopy of SIO Emission
John H. Lacy, Thomas Greathouse, Matt Richter

Texas Echelon Cross Echelle Spectrograph Engineering
John H. Lacy, Matt Richter, Thomas Greathouse, Daniel Jaffe

Spectroscopy of Embedded Young Star Photospheres
Lisa Prato, John Rayner, Christopher M. Johns-Krull

SIRTF Request for Mid-Infrared Phptometry of Calibrator Stars
David Shupe, Carl Grillmair, Michael E. Ressler

Probing Titan's Atmosphere Prior to Cassini/Hyugens: Occultation of NV0334356+165501
David J. Osip, James L. Elliot, John Rayner

Carbon Dioxide on the Uranian Satellites?
Andrew S. Rivkin, Robert H. Brown, David Trilling

The Nature of Damped Lyman-Alpha Galaxies: The Expanded HST Sample
David Turnshek, Sandhya Rao, Daniel Nestor, Eric Monier, Frank Briggs, Wendy Lane

Spectroscopy of Io During Jupiter Eclipse and Occultation: Investigating the Atmospheres of Io and Jupiter
John R. Spencer, Robert R. Howell, Leslie A. Young

Io Volcanic Activity During the Cassini Flyby
John R. Spencer, Julie Rathbun

Hook 'em Horns: H$_2$ Emission from Protostellar Disks
Matt Richter, Daniel Jaffe, Geoff A. Blake

Near Infrared Spectroscopy of Type Ia Supernovae using SpeX
Howie Marion, J. Craig Wheeler, Peter Hoflich
Overview of recent research topics:

- Thermal Emission From the Nuclei and Dus of Oort Cloud Comets
- Five Micron Spectra of Saturn: Variation of Tropospheric Phosphine
- Molecular Abundances in Comet LINEAR (C/1999 S4)
- A Quest for High Redshift Quasars and Brown Dwarfs
- Probing Accretion Disk Structure With NIR Spectroscopy of Cataclysmic Variables
- Gamma-Ray Bursts and their Host Environments
- The Organic Composition of C/1999 S4 Linear, and Comparison with other Oort Cloud Comets
- The Occultation of U0006 by Uranus and Its Ring
- New H₂O Ice Band Features and Spectra of Edge-On Disks with SpeX
- Infrared Secondary Eclipse Measurements of the ‘Transiting Planet’
- Rotational H₂ Emission Lines from Warm Molecular Gas in Planetary Nebulae
- Near-Infrared Spectroscopy of Trojan Asteroids
- Mid-Infrared Spectroscopy of Molecular Gas Around Protostars with R=100,000
- Evidence for a Non-thermal Component of Io's Hot Spot Emission using SpeX
- The 3.3 μm Infrared Emission Feature in Starburst Galaxies
- Mapping H₂O and NH₃ on Jupiter i Support of Cassini
Robert Novak, Michael J. Mumma, Michael DiSanti, Neil Dello Russo, Karen Magee-Sauer
Photochemical Mapping of Mars: Global Mapping of Ozone, Water, and Related Species

Bruce A. Wilking, Thomas P. Greene, Michael Meyer
Young Brown Dwarfs and the Mass Function of the NGC 1333 Cluster

Almudena Alonso-Herrero, Valentin D. Ivanov, Alice Quillen, G. H. Rieke
Dientangling the Stellar and Non-stellar Infrared Emission of Seyfert Galaxies

Thomas P. Greene, Steve Stahler, Karl E. Haisch, Jr.
A Survey of Protostellar Binaries

David Trilling, Robert H. Brown
Continued Coronagraphic Study of Debris Disks around Stars with Known Extrasolar Planets

Alan N. Stockton, Gabriela Canalizo, William D. Vacca
A Search for Old Galaxies and Rich Clusters at \( z \sim 1.5 \)

Eric E. Becklin, Richard D. Schwartz, Ben M. Zuckerman
Spectral Confirmation of Pleiades Superplanets and Brown Dwarfs at the Deuterium-Burning Limit

William D. Vacca, John Rayner, Werner Schmutz
Near-Infrared Spectroscopy of the Massive X-ray Binary Cyg X-3

Therese A. Encrenaz, Glenn Orton, Emmanuel B. Lellouch
A Search for Tropospheric PH\(_3\) and CO on Uranus and Neptune

William D. Vacca, John Rayner, Andrew Pickles, Michael Cushing
A Near-Infrared Spectral Library

Robert D. Joseph
Infrared Spectroscopy of Luminous Infrared Galaxies

Jay Goguen, Torrence V. Johnson, Dennis L. Matson, Glenn J. Veeder, Diana L. Blaney
Galileo and Cassini Support: Mid-IR Global Radiometry of Io during the Cassini Encounter Period