

Spring 2007 Applications Awarded Time

Erika Gibb, Kari Van Brunt, Sean Brittain, Terrence Rettig

Search for Organics in Circumstellar Disks Around T Tauri Stars

Michal Simon, Lisa Prato, Gail Schaefer

Precision Masses of Haro 1-14c and NTT 045251+3016

Kevin Luhman

Spectroscopy of a Candidate Planetary-Mass Companion

J. Davy Kirkpatrick, Dagny Looper, Michael Liu, Adam Burgasser

The 2MASS Proper Motion Survey: Completing Spectroscopic Follow-up of the Sample

Joshua P. Emery, Dale P. Cruikshank, Robert H. Brown

Near-Infrared Spectroscopy of Trojan Asteroids

Andrew Potter, Rosemary Killen

IR Spectra of Shadowed Regions Near the Lunar Poles

Mukremin Kilic, Ted von Hippel, Sandy K. Leggett, Atsuko Nitta, Jay Farihi, Scot Kleinman

Debris Disks Around White Dwarfs: The "Z" Connection

Claud H. Sandberg Lacy, Derek Sears, Albert D. Grauer

Mineralogy of Hera Spacecraft Targets

Uriel Givon, William Vacca, Paul Crowther, Robert Becker

Near-IR Follow-up on Embedded Evolved Stars Candidates

Graham M. Harper, Alexander Brown, Nils Ryde, Matthew Richter, Thomas Greathouse, Leah Braggins

[Fe II] & [Fe I] Dynamic and Thermodynamic Diagnostics of the Summer M Supergiants

Pierre Vernazza, Alain Doressoundiram, Stephane Erard, Mirel Birlan, Daniela Despan, Olivier Forni, Fabrizio Capaccioni

Resolved Spectroscopy of Mercury in the Near-IR

Kelly E. Fast, Theodor Kostiuk, Timothy A. Livengood, Tilak Hewagama, Frank Schmulling, Guido Sonnabend, John N. Annen, David Buhl

Search for OCS in the Middle Atmosphere of Venus

David K. Lynch, Richard J. Rudy, Ray W. Russell, Charles E. Woodward

Periodic Spectroscopy of Classical Novae

Theodor Kostiuk, Timothy A. Livengood, Kelly E. Fast, Tilak Hewagama, Robert J. MacDowall, Guido Sonnabend, John Annen, David Buhl

Sun-Jupiter Connection: Auroral Stratospheres

Casey Deen, Daniel Jaffe, C. P. Dullemond

Probing the YSO Inner Disk Rim with SpeX

Kira J. Abercromby, Paul Abell, Edwin Barker, Kandy Jarvis

Material Determination of Human-made Geosynchronous Earth Orbit (GEO) Objects

Glenn Orton, Kevin Baines, Padma Yanamandra-Fisher, Leigh Fletcher, Patrick Irwin, Carley Howett

New Horizons Mission Support: Joint Study of Jupiter's Anticyclonic Vortices and Aurorae

Glenn Orton, Kevin Baines, Padma Yanamandra-Fisher, Leigh Fletcher, Patrick Irwin, Carley Howett, Brendan Fisher

Support for Cassini Saturn Atmospheric Science on Revs. 30 – 48

Mark Morris, Jon Mauerhan, Michael Muno

SpeX Observations of Massive X-ray Stars in the Galactic Center

Colin Aspin, Bo Reipurth

Quiescent State NIR Spectroscopy of V1647 Orionis

Richard Binzel, Andrew Rivkin, Alan Tokunaga, Schelte J. Bus

MIT-Hawaii-IRTF Joint Program for Characterization of Near-Earth Objects

Mirel Birlan, Pascal Descamps, Alin Nedelcu, Frank Marchis, Jerome Berthier

Spectral Investigation of Candidates and Double Systems of Asteroids

I. The Asteroids 809 LUNDIA, 854 FROSTIA, 333 Cevenola and 3632 CHAPLIN

Mirel Birlan, Jean-Eudes Arlot, William Thuillot, Richard Binzel, Francois Colas, Alin Nedelcu

Observations of the Uranian System during the Uranian Equinox; an Observational Opportunity Each 42 Years

Karen S. Bjorkman, Erica N. Hesselbach, Jon E. Bjorkman, John P. Wisniewski

Probing the Density Structure and Variability of Circumstellar Disks

Michael Connelley, Thomas P. Greene

The Origins of H₂ Emission Around Very Young Stars

Cynthia S. Froning, Edward L. Robinson

Evolution and Compact Star Masses in Low Mass X-Ray Binaries

Thomas Greathouse, Sadrian Strong, Glenn Orton, Julianne Moses

Saturn: Continued Monitoring of Seasonal Variations of Stratospheric Temperatures and Hydrocarbon Abundances

Thomas Greathouse, Glenn Orton, Amy Simon-Miller, Matthew Richter

A Detailed Study of the Structure of Oval BA and the Great Red Spot on Jupiter

Thomas Greathouse, John H. Lacy, Matthew Richter

Rotational Broadening: Must it always be accounted for?

Heidi B. Hammel, David K. Lynch, Ray W. Russell

3-13 μm Spectroscopy of Uranus and Neptune

Joseph L. Hora, Massimo Marengo, Kevin Luhman, Brian Patten

Spectral Confirmation of L and T Dwarf Candidates

Dagney Looper, J. Davy Kirkpatrick, Alan Tokunaga, Adam J. Burgasser

Confirming Ultrawide Substellar Companions to Stars within 10 pc & to Stars Harboring Planets

Emmanuel Marcq, Therese A. Encrenaz, Bruno Bezard, Mirel Birlan

Spectroscopy of Venus in near IR: Supportive Composition Studies for Venus Express

Vishnu Reddy, Michael J. Gaffey, Paul A. Abell, Paul S. Hardersen

Constraining Albedos, Diameters and Composition of Potentially Hazardous Asteroids

Kurt D. Retherford, G. Randy Gladstone, Eliot F. Young, J. Hunter Waite

Search for Cyclopropenyl Ion Emissions on Titan

Andrew S. Rivkin, Eric Volquardsen

Carbonates on Asteroidal Surfaces: How Common are They?

Andrew S. Rivkin, Charles Hibbitts

Identifying an Unknown Absorption Band on Phoebe and Iapetus

Henry Roe, Emily Schaller

A New Sensitive Search for Methane and Active Geology on Europa

Emily Schaller, Henry Roe, Michael Brown

Titan's Methane Meteorology: Context for Cassini Titan Flybys

Michael L. Sitko, Ray W. Russell, David K. Lynch, Darryl Kim, Ralph Ford, Suellen M. Brafford, Carol A. Grady, John P. Wisniewski

Disk Wall Variability in Pre-Main Sequence Disks

John R. Spencer, Julie Rathbun

Io's Volcanic Activity Prior to the New Horizons Jupiter Encounter

John R. Spencer, Matthew Richter, Kandis Lea Jessup, Thomas Greathouse, Emmanuel B. Lellouch

Variability of Io's Atmosphere in Space and Time

Alan Tokunaga, Schelte J. Bus, Richard Binzel, Andrew S. Rivkin

MIT-Hawaii-IRTF Joint Program for Characterization of Near-Earth Objects

Eric Volquardsen, Andrew S. Rivkin

Semi-Major Axis Dependence of Hydrated Minerals in Outer Belt Asteroids

Tom Stallard, Steve Miller, Nick Achilleos, Michele Dougherty, Makenzie Lystrup, Henrik Melin

Large Scale Campaign of Support Observations for HST, Cassini and New Horizons

Bin Yang, David Jewitt

Physical Properties of Jovian Trojans in the Near Infrared

Gordon Bjoraker, Nancy Chanover, Kevin H. Baines, Amy Simon-Miller, Tilak Hewagama

The Cloud Structure of Jupiter's Red Oval and Great Red Spot

Nancy Chanover, Gordon Bjoraker, Tilak Hewagama

Simultaneous Cassini and IRTF Spectroscopy of Saturn's Southern Hemisphere

Jonathan J. Fortney, Joshua P. Emery

Search for L' Flux from the Bright Hot Jupiter HD 189733b

Michael Kelley, Michael J. Gaffey

Geology of Asteroid Dynamical Groups with Uncommon Taxonomies or Isolated Locations

Shoko Ohtsuki, Naomoto Iwagami, Hideo Sagawa, Munetaka Ueno, Takeshi Imamura

Variations of Venus O₂ Night Airglow and Rotational Temperatures

Rachel Osten, Christopher M. Johns-Krull

X-ray Astronomy from the Ground: IR Spectroscopic Detection of Coronal Forbidden Lines

Leslie A. Young, William M. Grundy, Eliot F. Young

Infrared Spectral Evidence for Global Change on Triton

Leslie A. Young, William M. Grundy, Eliot F. Young

Triton's 2007 Baseline for Rotational Variability

Kentaro Aoki, Naoyui Tamura

Search for Balmer Absorption Lines in Many-narrow-trough Broad Absorption Line Quasars

Karl Gordon, Joshua Kim, Geoffrey Clayton, Yvonne Pendleton, Douglas C.B. Whittet, T. P. Snow, Karl A. Misselt, J. D. Smith

Structure in Interstellar Extinction Curves: 0.8-5.5 microns

Kenneth Hinkle, John H. Lacy, Lloyd Wallace

Circumstellar Ethylene: Abundance, Distribution, and Origin

Kazuaki Mitsuyama, Hideo Sagawa, Takeshi Imamura

Mid-infrared Imaging of Temporal Variation in Venus Cloud Microstructure

William T. Reach, Mark Lacy, Patrick Lowrance, Sean Carey

Confirming the Absolute Calibration of the Spitzer Space Telescope

Tom Slanger, David Heustis, Phil Cosby, Brian Sharpee, Nancy Chanover

Venusian Nighttime Atmospheric Chemistry Inferred from $O_2(a^1\Delta g-X^3\Sigma g^-)$ 1.27 μm emission

J. Allyn Smith, Susana E. Deustua, Douglas L. Tucker, Sahar Allam

NIR Observations of HST & SDSS Spectrophotometric Standards

J. Allyn Smith, Terry D. Oswalt, Nicole M. Silvestri

NIR Photometry of Cool White Dwarfs in Wide Binaries

Katelyn Allers, Michael C. Liu, Eugene Magnier

Spectroscopic Follow-up of Young Brown Dwarfs and Low-mass Stars with Disks

David Crisp, Kevin H. Baines, Glenn Orton, Thomas Greathouse

Venus Express Mission Support: Mid-infrared Study of Weather and Composition

Jay Farihi, Ben M. Zuckerman, Michael Jura, Eric E. Becklin

Cool Bodies Orbiting Nearby White Dwarfs

Naomoto Iwagami, Shoko Ohtsuki, Hideo Sagawa, Kenji Tokuda

Mapping of the Venus HCL Abundance above the Cloud Region

Mark Lacy, Andrea Petric, Anna Sajina, N. Seymour, Lisa Storrie-Lombardi, Lee Armus, Susan Ridgway

Rest-frame Optical Spectra of $z > 1$ Dust Obscured AGN Selected by Spitzer

Mark Sykes, Amy Lovell, M. A. Chamberlain, Schelte J. Bus, Joseph L. Hora, Joseph Adams, Marc Kassis

Thermal Studies of Surviving Terrestrial Protoplanets: Ceres, Pallas, and Vesta

S. Thomas Megeath, E. Winston, Dawn E. Peterson, L. E. Allen

SpeXtral Typing Candidate Young Brown Dwarfs in Serpens

Jim Liebert, Michael Cushing, Reiner Wehrse

An Infrared Model Atmosphere Study of Carbon Stars

Eliot F. Young, Mark Bullock, Tanya Tavenner, Scot Rafkin

Coordinated Observations of Venus's Lower Cloud Deck