IRTF Proposal Accepted for 2006 Spring Semester

Eric Volquardsen, Andrew S. Rivkin
Search for 3 micron Absorption in Near Earth Asteroid Spectra

Claud H. Sandberg Lacy, Derek Sears, Albert D. Grauer
Mineralogy of Hera Spacecraft Targets

0.4-13 Micron Spectrophotometry of the Comet 73P/Schwassmann-Wachmann 3

Vladimir A. Krasnopolsky
Photochemical Mapping of Mars

Glenn Orton, Kevin H. Baines, Padma Yanamandra-Fisher, Paul Parrish
Support for Cassini Saturn Atmospheric Science on Orbits 17-25

Glenn Orton, Kevin H. Baines, Padma Yanamandra-Fisher, Paul Parrish
Variability of Large-Scale and Anticyclonic Features in Jupiter's Atmosphere

Terry J. Jones, Ludmilla Kolokolova
Infrared Imaging Polarimetry of Comet 73P/Schwassmann-Wachmann at its Close Approach

Michael K. Shepard, Beth Ellen Clark, Ellen S. Howell, Andrew S. Rivkin
Observations of S/M/E Radar Targeted Asteroid

Pierre Vernazza, Mirel Birlan, Marcello Fulchignoni, David Nesvorny
Global Spectral Coverage of 832 Karin to Obtain a Compositional/Color Map

Erika Gibb, Terrence W. Rettig, Sean Brittain
Ices Toward Low Mass Young Stars in rho-Oph

Bradley Peterson, Hermine Landt, Martin Elvis, Martin Ward
Broad NIR Emission Lines in AGN: How Do They Vary?

C. de Bergh, Alain Doressoundiram, Frederic Merlin, Antonella Barucci, Thais Mothe Diniz
Rotationally-resolved Spectroscopy of the Bright Kuiper Belt Object 2005 FY9

Andrew S. Rivkin, Eric Volquardsen, Schelte J. Bus
Mapping the Hydrated Mineral Distribution of the Asteroid Belt

Emmanuel Marcq, Therese A. Encrenaz, Bruno Bezard, Mirel Birlan
Spectro-imagery of Venus in near IR: A Search for Latitudinal Composition Variations

William M. Grundy, Marc W. Buie
Discriminating Volatile Transport from Changing Viewing Geometry on Pluto's Surface

Frederick M. Walter, Tracy Beck
The Orbit and Masses of HD 28867E. IV.

Richard Binzel, Andrew S. Rivkin, Alan Tokunaga, Schelte J. Bus
The MIT-Hawaii-IRTF Joint Campaign for NEO Spectral Reconnaissance

Mukremin Kilic, Ted von Hippel, Sandy K. Leggett, Hugh Harris, Jim Liebert, Jeff Munn, Kurtis Williams, Donald E. Winget
New Old White Dwarfs and the Age of the Galaxy

David K. Lynch, Richard J. Rudy, Ray W. Russell, Charles E. Woodward
Periodic SpeX Observations of Galactic Novae

Thais Mothe Diniz, David Nesvorny
NIR Spectroscopy of the only known D-type Asteroid Family

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

J. Davy Kirkpatrick, Dagnay Looper, Roc Cutri, Adam J. Burgasser
Classifying Discoveries from a Large-area Near-infrared Proper Motion Survey

Paul A. Price, Brian P. Schmidt, Derek Fox, Shri Kulkarni, Edo Berger
Searching for High Redshift Gamma-Ray Bursts

Kevin Luhman
Bolometric Corrections of Young, Low-mass Stars and Brown Dwarfs: Boring but Important

Christopher Gerardy, Peter Hoflich, G. Howie Marion, Robert Quimby, J. Craig Wheeler, Robert A. Fesen, Kenichi Nomoto
Near-Infrared Spectroscopic Evolution of Type Ia Supernovae

Emily Schaller, Henry Roe, Michael Brown
Titan's Methane Meteorology: Context for Cassini Titan Flybys T11-T14

Nancy Chanover, Gordon Bjoraker, Tilak Hewagama
Simultaneous Cassini and IRTF Spectroscopy of Saturn

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

Mark Lacy, Anna Sajina, Lisa Storrie-Lombardi, Lee Armus
Near-Infrared Properties of Type-2 Quasars Selected via their Spitzer Colors
Luke Keller, Nirbhik Chitrakar, David Whelan, Marc Berthoud
A Search for Emission from Gas Orbiting Herbig Ae/Be Stars

Adam J. Burgasser, Sebastien Lepine, Michael Shara, J. Davy Kirkpatrick
A Search for Ultracool Late-M and L Subdwarfs in the LSPM-North Catalog

Adam J. Burgasser, Michael W. McElwain, J. Davy Kirkpatrick, Chris Tinney
SpeX Spectroscopy of a Complete Sample of T Dwarfs

Shoko Ohtsuki, Munetaka Ueno, Takeshi Iwamura, Hideo Sagawa, Naomoto Iwagami
Imaging Spectroscopy of the Venus 1.27-μm O₂ Airglow on the Nightside II

Paul S. Hardersen, Michael J. Gaffey, Paul A. Abell, Vishnu Reddy
Investigating the Spectral and Mineralogical Diversity of the M-Asteroid Population

Ellen S. Howell, Chris Magri, Andrew S. Rivkin
Rotationally Resolved 3-micron Spectroscopy of 105 Artemis: Correlation with Radar Observations

R. Y. Shuping, Ka Chun Yu, Marc Kassis, William D. Vacca
Characterizing the Brightest Members of the W40 Embedded Cluster

Laurence M. Trafton, D. M. Shemansky
Survey of Jupiter's non-LTE Thermospheric H₂ Emission

Hideo Sagawa, Munetaka Ueno, Takeshi Iwamura, Jun Nishikawa, Shoko Ohtsuki
Speckle Observations to Detect the Microstructure in the Venusian Clouds. II

Alan Tokunaga, Richard Binzel, Andrew S. Rivkin, Schelte J. Bus
The MIT-Hawaii-IRTF Joint Campaign for NEO Spectral Reconnaissance

Bin Yang, David Jewitt
Physical Properties of Jovian Trojans in the Near Infrared

Tom Stallard, Steve Miller, Makenzie Lystrup, Laurence M. Trafton
Detailed Studies of the Jovian Aurora

Edward F. Tedesco, Schelte J. Bus, Eric Volquardsen, William Bottke, Don Davis, Alberto Cellino, Marco Delbo, Alessandro Morbidelli, Joseph L. Hora, Marc Kassis, Joseph Adams, Eric Tollestrup
11.7 μm Radiometry of Near-Earth Asteroids and their Progenitors

Kerri Donaldson Hanna, Ann L. Sprague, R. W. Kozlowski
Mid-Infrared Comparative Spectroscopy of the Lunar and Mercurian Surface using MIRSI

Katelyn Allers, Daniel Jaffe
Spectroscopic Follow-up of Young Brown Dwarfs and Low-mass Stars with Disks
Ryan Campbell, Thomas Harrison
Phase-Resolved Spectroscopy of the Cyclotron Features in Magnetic Cataclysmic Variables

Mate Adamkovics, Imke de Pater
Titan's Tropospheric Aerosol Distribution

Michael J. Mumma, Robert Novak, Geronimo Villanueva, Boncho Bonev, Michael DiSanti, Tilak Hewagama
Search for Local Sources of Methane and Water on Mars

Kurt D. Retherford, G. Randy Gladstone, Eliot F. Young
Search for Cyclopropenyl Io Emissions on Titan

Catherine Buchanan, Chris O'Dea, Jack Gallimore, M. Elitzur, David Axon, Andrew Robinson, Stefi A. Baum
The Chemical Composition of the Fragments of Recently Split Comet 73P/Schwassmann-Wachmann 3

L. A. Sromovsky, Patrick M. Fry
SpeX Observations of Uranus and Neptune

Zhaohui Shang, Michael Brotherton, Daniel Dale, Dean Hines
True Quasar SEDs and Improved Bolometric Corrections

The Volatile Organic Composition of Comet 73P / Schwassmann-Wachmann 3

Timothy A. Livengood, Theodor Kostiuk, Kelly E. Fast, Paul N. Romani, Tilak Hewagama, John Annen, David Buhl, Guido Sonnabend
Evolving Distribution of Temperature and Ethane Concentration in Saturn's Stratosphere

Jonathan Williams, Alan Tokunaga, Ronak Y. Shah, James Jackson
MIRSI Observations of High Mass Star Forming Regions

Kelly E. Fast, Theodor Kostiuk, Timothy A. Livengood, John Annen, Tilak Hewagama, Guido Sonnabend, David Buhl
Probing the Vertical Distribution of Ozone on Mars

J. Allyn Smith, Terry D. Oswalt, Nicole M. Silvestri, Susana E. Duestua
NIR Photometry of White Dwarfs in Wide Binaries

Guido Sonnabend, Frank Schmulling, Theodor Kostiuk, Timothy A. Livengood, Kelly E. Fast, John Annen, Tilak Hewagama, David Buhl
Search for OCS in the Middle Atmosphere of Venus
Robert Novak, Michael J. Mumma, Daniel Hansen, Constantine Makrides
Mapping of Ozone and D/H Ratio during Mars' Early Northern Spring

Chad Bender, Michal J. Simon
Mass Ratio Distribution in Hyades Cluster Spectroscopic Binaries

William T. Reach, Mark Lacy, Patrick Lowrance
Confirming Absolute Calibration of Spitzer Space Telescope

Eliot F. Young, Mark Bullock, Tany Tavenner, Scot Rafkin
No Title (observing night side of Venus)

Diane Wooden, Michael Kelley, David E. Harker, Charles E. Woodward
Linking Dust Properties with Cometary Activity: Multi-Epoch Imaging of C/12004 B1 and 73P/SW-3

Michael Kelley, Joel A. Trainor, Michael J. Gaffey
Geology of Asteroid Dynamical Groups with Uncommon Taxonomies or Isolate Locations

Fragmented Comet 73P/Schwassmann-Wachmann3: A Rare Close Approach

Guy Stringfellow, Frederick M. Walter, Peregrine McGehee, Marc Audard
Eruptive Young Stellar Objects: Infrared Spectra of EXORs in Quiescence & Outburst

S. Thomas Megeath, E. Winston, Scott Wolk, Lori Allen
SpeXtral Typing of X-Ray Selected Young Stellar Objects in Serpens

Eliot F. Young, William Merline, Clark R. Chapman, David Nesvorny, Peter Tamblyn
Spectroscopy of Very Young Dynamical Families of Asteroids

Shoko Ohtsuki, Naomoto Iwagami, Hideo Sagawa, Noriyuki Ohira
Mapping of the Venus HCl Abundance above the Cloud Region

Paul A. Abell, Paul S. Hardersen, Michael J. Gaffey, Vishnu Reddy
Continued Mineralogical Characterization and Albedo Determination of Near-Earth Objects

Michael Brotherton, Cassandra Paul, Gabriela Canalizo, Zhaohui Shang
Near-IR Imaging of Post-Starburst Quasars: Host Galaxies and Interactions