

Spring 2012 Applications Awarded Time

Christopher Crockett, Naved Mahmud, Lisa Prato, Christopher Johns-Krull, Daniel T. Jaffe, Patrick Hartigan, Chas Beichman

Detecting extrasolar planets in the first 3 Myr

Benjamin Sargent, Elise Furlan, Nuria Calvet, Kyoung-Hee Kim

IRTF-SpEX Spectroscopy of T Tauri Stars with Water Vapor Emission Detected by Spitzer-IRS

Will Fischer, Tom Megeath

SpeX Monitoring of an Outbursting Protostar in Orion

Jonathan Gagne, Rene Doyon, David Lafreniere, Lison Malo, Etienne Artigau

Spectroscopic confirmation of candidate young low-mass stars and brown dwarfs in the Beta Pictoris moving group

Eric Hilton, Eric Gaidos, Andrew Mann

Identifying metal-rich M dwarfs with SpeX

Heather Bloemhard, Michelle Creech-Eakman, Mark Swain, Pieter Deroo, Ming Zhao, Colby Jurgenson

Completing the Triangle: Observations of TrES-2b and TrES-3b

Elisabeth Newton, Jonathan Irwin, David Charbonneau, Zachory Berta, Barbara Rojas-Ayala, Kevin Covey, James Lloyd

Abundances of M Dwarfs in the solar neighborhood

John Gizis, Phil Castro

Nearby Brown Dwarfs Near the Galactic Plane

Timothy Livengood, Theodor Kostiuk, John Annen, Tilak Hewagama

Remote Exploration of Mars CO₂ in preparation for Mars Science Laboratory

Stanimir Metchev, Kendra Kellogg, J. Davy Kirkpatrick, John Good, G. Bruce Berriman, Kerstin Geissler

A Survey of Substellar Atmospheric Properties in L/T-transition and Peculiar Brown Dwarfs from a SDSS/2MASS Cross-match

Michael Liu, Adam Kraus, Katelyn Allers, Evgenya Shkolnik

Identifying the Missing Young M Dwarfs

Adam Burgasser, Daniella Bardalez Gagliuffi, Andrew West, John Gizis, Christine Nicholls

Cloud Formation at the M Dwarf/L Dwarf Transition: A Magnitude-Limited Survey

Bruce McCollum, Seppo Laine, Frederick Bruhweiler, Lee Rottler

Probing the Mass Loss Processes of the First Stellar Merger Caught in the Act

Schelte Bus

Visible-NIR broadband colorimetry of R- and O-type asteroid candidates

Michael Koss, Dave Sanders, Richard Mushotzky, Sylvain Veilleux, Ezequiel Treister, Margaret Trippe

NIR Spectroscopy of Merging AGN Systems

Michael Liu, Niall Deacon, Eugene Magnier, Kimberly Aller, Bertrand Goldman

Rare Brown Dwarfs in the Solar Neighborhood from Pan-STARRS 1

Michael Cushing, J. Davy Kirkpatrick, Chris Gelino, Mike Skrutskie, Ken Marsh, Greg Mace, Roger Griffith

Searching for Cold Brown Dwarfs in the Solar Neighborhood with WISE

Jessica Lu, Adam Kraus

Testing stellar evolution and atmosphere models with SpeX observations of the Upper Scorpius OB association.

Ryan Terrien, Suvrath Mahadevan, Chad Bender, Rohit Deshpande, Larry Ramsey, Sam Halverson

Spectroscopic Determination of M Dwarf Metallicities for a Precision Radial Velocity Survey

Stephen Wolters, Paul Weissman, Sam Duddy

Physical Characterisation of Unbound Asteroid Pairs

Andrew Mann, Eric Gaidos, Eric Hilton

Improved Parameters of Late-Type Kepler Exoplanet Host Stars

Franck Marchis, Jesus Enriquez, Joshua Emery

Investigating the Relationship Between the Composition of Asteroids and Their Multiplicity

Peter Plavchan, Guillem Anglada, Peter Gao, Cassy Davison, Russel White, Lisa Prato, Charles Beichman, John Johnson, David R. Ciardi, Stephen Kane, Kaspar von Braun

A High-Precision Radial Velocity Survey for Young Planets [IV]

Howie Marion, Peter Garnavich, Kevin Krisciunas, Daniel Kasen, Robert Kirshner, Jozsef Vinko, Ryan J. Foley

Using NIR spectra to understand NIR light curves of Type Ia supernovae

Driss Takir, Joshua Emery

Near-infrared Spectroscopy of Outer Main Belt Asteroids.

Andrew Schechtman-Rook, Jenna Ryon, Matthew Bershady, John Gallagher III

Determining Stellar Populations in Star-Forming Galaxies with Near-Infrared Spectroscopy

Joshua Emery, Michael Lucas, Esa Vilenius, Noemi Pinilla-Alonso, Davide Perna, Sylvia Protopapa

Near-infrared spectroscopy and visible light curves of Trojan asteroids

David Trilling, Amanda Gulbis, Andy Rivkin

Identification of volatiles on Kuiper Belt Object surfaces with SpeX+MORIS

Emily Schaller, Henry Roe, Michael Brown

Titan's Methane Meteorology: Context for Cassini Flybys T82-T85

Ming Zhao, Mark Swain, Johanna Teske, Pieter Deroo

Transmission spectra of XO-2b with SpeX in a new observing mode

Chad Bender, Gail Schaefer, Michael Simon

Dynamical Observations of Hyades Cluster Spectroscopic Binaries

Johanna Teske, Ming Zhao, Mark Swain, Pieter Deroo, Caitlin Griffith

Spectroscopy of a Disputed, Refuted, and Convuluted Exoplanet Atmosphere

Gabriela Canalizo, Kyle Hiner, Margrethe Wold

Measuring the M-sigma Relation out to $z \sim 1$: Black Hole Masses of Red Quasars.

Cathy Olkin, Will Grundy, Eliot Young, Leslie Young, Marc Buie, Steve Tegler

Pluto's Icy Surface: Searching for Seasonal Change and Providing a Temporal Context for New Horizons

Carey Lisse, Michael Sitko, Christine Chen, John Rayner, Damian Christian

An Ongoing SPeX Study of the Abundant Warm Circumstellar Dust in Nearby Planet Forming ExoSystems

Naomoto Iwagami, Shoko Ohtsuki, Takeshi Imamura, George Hashimoto, Mayu Hosouchi, Seiko Takagi, Hiroko Iwagami, Ayuka Watanabe, Junpei Takesima

Detection of atmospheric waves in the Venus nightside by O₂ airglow and temperature comparison with Venus Express

Myungshin Im, Dohyeong Kim

Unveiling Intrinsic Properties of Dusty, Red AGN

Andrew Rivkin

What is the distribution of ice and organics in C-complex asteroids?

Bin Yang, David Jewitt

Physical Study of Hilda Asteroids in The Near Infrared

Michael Gregg, Robert Becker, Richard White

Infrared Bright, Optically Hidden Quasars

Elisabeth Adams, David Ciardi, Amanda Gulbis

Resolved transit photometry of blended Kepler targets

Chick Woodward, Nye Evans, Greg Schwarz, Fred Walter, Andrew Helton

The Panchromatic Study of the 2011 T Pyx Outburst

Michal Simon, Joshua Schlieder

Binary Masses in the Beta Pic and AB Dor Moving Groups

Ian Crossfield, Andrew Howard, Brad Hansen, Travis Barman, Jonathan Fortney, Eliza Kempton

Probing the Atmosphere of Super Earth HD 97658b

Laurence Trafton, Steve Miller, Tom Stallard

Height of Saturn's Homopause

Mark Swain, Pieter Deroo, Ming Zhao

Comparing the Atmospheres of two Super-Earths

Ellen Howell, Ron Vervack, Yan Fernandez, Chris Magri, Michael Muller, Michael Nolan

Combining thermal observations and radar-derived shapes of near-Earth asteroids

Kevin Luhman

A Census of the Stellar Population in Upper Scorpius

Rivkin Andrew

How do the processes that create lunar water act on NEOs?

Ron Vervack, Neil Dello Russo, Hal Weaver, Hideyo Kawakita, Dominique Bockelee-Morvan, Nicolas Biver, Jacques Crovisier, Hitomi Kobayashi

A combined SpeX and CSHELL investigation of the organic composition of comet C/2009 P1 [Garradd]

Guido Sonnabend, Theodor Kostiuk, Manuela Sornig, Tobias Stangier

A Search for Methane in the Atmosphere of Mars by High-Resolution IR Heterodyne Spectroscopy at 7.8 micron

Tom Stallard, Steve Miller, Henrik Melin, Michele Dougherty, James O'Donoghue

Observations of Saturn's ion winds, in support of specific Cassini mission and Hubble Space Telescope observations

Adam McKay, Michael DiSanti, Neil Dello Russo, Ron Vervack, Nancy Chanover

Constraining the Parent-Daughter Relationship and Degree of Chemical Heterogeneity in Comet C/2009 P1 Garradd

Brigitte Hesman, Donald Jennings, Pedro Sada, Allen Lunsford, Robert Boyle, Gordon L. Bjoraker, Paul N. Romani

Characterizing Global Hydrocarbon Emission in the Aftermath of Saturn's Northern Eruption.

Vladimir Krasnopolsky

Minor Constituents in the Atmospheres of Mars and Venus

Manuela Sornig, Ted Kostiuk, Guido Sonnabend, Tim Livengood

Temperatures and Dynamics of Venus Upper Atmosphere by Infrared Heterodyne Spectroscopy at 10 micrometer.

Amanda Gulbis, Michael Person, Amanda Bosh, Carlos Zuluaga

Two stellar occultations by Pluto

Leslie Young, Will Grundy, Eliot Young

Nitrogen migration on Triton's surface

Nancy Chanover, Gordon Bjoraker, Tilak Hewagama, Randy Carlson

Studying the Aftermath of Saturn's 2010 Storm with Cassini and the IRTF

Sherry Fieber-Beyer, Mike Gaffey

Compositional and Dynamical Studies of Asteroids Located In/Near the 3/1 Resonance

Michael Kelley, David Harker, Chick Woodward, Diane Wooden, Mike Sitko

The Heterogeneity of Comet C/2009 P1 [Garradd]

Richard Binzel, Tim Spahr, Steve Chesley, Bobby Bus, Mirel Birlan, Francesca E. DeMeo

IRTF NEO Rapid Response: Close Encounters of the Asteroid Kind

Richard Binzel, Andy Rivkin, Alan Tokunaga, Bobby Bus, Mirel Birlan, Francesca E. DeMeo

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

Vishnu Reddy

Mineralogical Characterization of Baptistina Asteroid Family

Alan Tokunaga, Richard Binzel, Francesca DeMeo, Bobby Bus, Mirel Birlan, Andrew S. Rivkin

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

Will Grundy, Steve Tegler

D/H ratio in methane ice on Pluto

Glenn Orton, Padma Yanamandra-Fisher, Agustin Sanchez-Lavega, Leigh Fletcher, Kevin Baines, Ricardo Hueso, Santiago Perez-Hoyos

Rapid Large-Scale Variability and Giant Vortex Interactions in Jupiter

Glenn Orton, Kevin Baines, Leigh Fletcher, Padma Yanamandra-Fisher

Temperature, Cloud and Compositional Variability in Saturn: Support for the Cassini CIRS and VIMS Experiments on Revs. 162-167.

Francesca DeMeo, Benoit Carry, Richard Binzel

A search for mantle material in the Main Belt

Aleks Scholz, Dawn Peterson, Paul Dawson, Kora Muzic, Tom Ray

Spectroscopy for new brown dwarf candidates in Upper Scorpius

Michael Sitko, Stefan Kraus, Ray Russell, Nuria Calvet, Catherine Espaillat, Carol A. Grady, John Monnier, Rafael Millan-Gabet, David Wilner

Investigating the Planet-Building Zone of the Pre-Transitional Disk in SAO 206462 using Joint Spectroscopic and Interferometric Observations

Michael Sitko, Ray Russell, Charles Woodward, Michael Kelley, Carey Lisse, Daryl Kim, Edward Lagg, David Harker, Suellen Brafford, Heidi Hammel

Multi-wavelength Observations of Comet C/2009 P1 Garradd

Michael Sitko, Catherine Espaillat, Ray Russell, Nuria Calvet, Laura Ingleby, Carol A. Grady, Arne A. Henden

Disk Accretion in Transition Disk Systems: When the Flame Sputters Out

Nicholas Moskovitz, Brian Warner

Rotationally resolved spectra of unusual Vesta-like asteroid 2579 Spartacus
