

Fall 2015 Applications Awarded Time

Thomas Harrison, Ryan Campbell

Phase-Resolved Spectroscopy of Polars

Michael Sitko, Ray Russell, Daryl Kim, Stefan Kraus, Michel Cure

Coordinated Spectroscopic and Interferometric Observations of Young Stellar Disks

Chick Woodward, Ray W. Russell, Daryl L. Kim, Michael S.P.S. Kelley, David E. Harker, Michael L. Sitko, Diane H. Wooden

BASS Observations of Comet C/2013 US10 [Catalina]

Richard Cartwright, Joshua Emery, Noemi Pinilla-Alonso, David Trilling, Andy Rivkin

Dark material on the classical Uranian satellites: What is it and where did it come from?

Glenn Orton, Padma Yanamandra-Fisher, Leigh Fletcher, Kevin Baines, Thomas Momary, James Sinclair, Agustin Sanchez-Lavega, Ricardo Hueso, Santiago Perez-Hoyos, Patrick Irwin

Properties of Rapidly Evolving Clouds in Jupiter

Glenn Orton, Thomas Momary, Kevin Baines, Padma Yanamandra-Fisher, James Sinclair, Leigh Fletcher, Patrick Irwin

Changes in Saturnian Cloud Structure: Support for the Cassini Atmospheric Investigation on Orbits 219-226

Glenn Orton, Thomas Momary, Padma Yanamandra-Fisher, Michael Janssen, Candice Hansen, James Sinclair, Leigh Fletcher

Targeting 5-micron Hot Spots to Optimize Juno Mission Orbit Timing

Chick Woodward, Michael S.P.S. Kelley, David E. Harker, Aigen Li, Diane H. Wooden, Silvia Protopappa

The Hunt for 3 micron Organics in Comet C/2013 US10 [Catalina]

Thomas Greathouse, Glenn Orton, Leigh Fletcher, Therese Encrenaz, Thierry Fouchet, Rohini Giles, Raul Morales-Jeberias, Rick Cosentino

Characterizing Wave Phenomena in Jupiter's Upper Atmosphere in the Thermal-IR

Kurt Retherford, Thomas Greathouse, Cesare Grava, Lorenz Roth, Constantine Tsang, Andrew Steffl, John Spencer

Io Mid-IR Sulfur Ion Aurora: Imaging a Key Plasma Interaction Environment with TEXES

Eric Gaidos, Andrew Mann, Megan Ansdell, Greg Feiden

CALYPSO: Calibration of Low-mass Young stars and their Planetary Systems with Observations

Therese Encrenaz, Thomas Greathouse, Matthew Richter, John Lacy, Curtis DeWitt, T. Widemann, B. Bezard, T. Fouchet, S. K. Atreya

HDO and SO₂ Thermal Mapping in Venus Mesosphere

Therese Encrenaz, Thomas Greathouse, Pierre Drossart, Thierry Fouchet, Michael Janssen, S. Gulkis, G. Orton, B. Bezard, C. DeWitt, UC Davis, L. Fletcher, R. Giles, S. Atreya

Monitoring Jovian Dynamics: A 3D Map of PH₃ and NH₃ Using TEXES

Leslie Young, William Grundy, Bryan Holler, Eliot Young

Occasional Triton spectra 2013-2017 for rotational and seasonal variability

Nathanael Wigton, Joshua Emery

Search for 3-micron features on near-Earth asteroids.

Klaus Hodapp, Martin Haas

Spectroscopy of Newly Discovered Variable Young Stars

Nicholas Moskovitz, Richard Binzel, Bobby Bus, Gareth Williams, Steven Chesley, David Polishook, Francesca DeMeo, Brian Burt, Mirel Birlan

IRTF NEO Rapid Response: Close Encounters of the Asteroid Kind

Leigh Fletcher, Glenn Orton, Thomas Greathouse, Rohini Giles, James Sinclair, Patrick Irwin, Therese Encrenaz

Jupiter's Atmospheric Circulation Revealed by Global TEXES Thermal Mapping: Climate Context for Juno's July 2016 Arrival

Gordon Bjoraker, Michael Wong, Tilak Hewagama, Brigitte Hesman

Water Clouds and Volatiles on Jupiter in Preparation for Juno

Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Jonathan Lunine, Elizabeth Turtle

Investigating seasonal changes in Titan's meteorology through cloud monitoring with IRTF SpeX

Sherry Fieber-Beyer, Michael Gaffey, Paul Hardersen

Hebe Family Spectroscopic Search

Paul Hardersen, Vishnu Reddy, Rachel Roberts, Matt Nowinski, Russ Genet, Gordon Gartelle

Finding the lava: constraining the basaltic asteroid population in the main asteroid belt

Alan Tokunaga, Francesca DeMeo, Richard Binzel, David Polishook, Mirel Birlan, Schelte J. Bus, Andrew Rivkin, Nicholas Moskovitz

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

Andrew Mann, Adam Kraus, Trent Dupuy, Michael Ireland, Aaron Rizzuto

Weighing the Stars: the mass-luminosity-metallicity relation for M dwarfs

Thierry Fouchet, Tommy Greathouse, Glenn Orton

Search for a stratospheric aftermath after Uranus 2014 Giant Storm

Jonathan Gagne, David Lafreniere, Rene Doyon, Jacqueline K. Faherty, Kelle L. Cruz, Etienne Artigau, Lison Malo

Spectroscopic confirmation of candidate young low-mass stars and brown dwarfs in young moving groups

Susan Benecchi, Anne Verbiscer, David Rabinowitz, Will Grundy, Audrey Thirouin

Mutual Event Observations of the Kuiper Belt binary [79360] Sila-Nunam

Henrik Melin, Tom Stallard, Steve Miller, James O'Donoghue, Rosie Johnson, Larry Trafton, James Blake

The energy drivers of Uranus' upper atmosphere

Noemi Pinilla-Alonso, Humberto Campins, Vania Lorenzi, Zoe Landsman, Julia de Leon

Primitive Asteroids Spectroscopic Survey [PRIMASS]: the surface composition of the Erigone family

Michael Connelley, Bo Reipurth

A Comparative Study of FU Orionis Objects Via a Complete Spectroscopic Survey

Francesca DeMeo, David Polishook, Richard Binzel, Brian Burt, Tom Endicott

Determining the role of Mars in refreshing asteroid surfaces

Francesca DeMeo, Alan Tokunaga, Richard Binzel, David Polishook, Mirel Birlan, Schelte J. Bus, Andrew Rivkin, Nicholas Moskovitz

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

Vishnu Reddy, Nicholas Moskovitz, Bruce Gary, Tom Kaye, Juan Sanchez, Ron Dyvig

Physical Characterization of Small Near-Earth Asteroids

Savan Becker, Paul Hardersen

Connecting the chondrites: near-infrared spectroscopy of high-albedo Cp-type asteroids

Constantine Tsang, John Spencer, Thomas Greathouse

Io Sublimation Atmosphere: Continued Sublimation Collapse?

Peter Plavchan, Peter Gao, Jonathan Gagne, Elise Furlan, Angelle Tanner, David R. Ciardi, Mike Bottom, Guillem Anglada, Russel White, Cassy Davison, Kent Wallace, Bertrand Mennesson, Kaspar von Braun, Gautam Vasisht, Lisa Prato, Bernie Walp, Joseph Catanzarite, Todd Henry, John Johnson, Stephen Kane, Michael Fitzgerald, Nicole Cabrera, Stephanie D Leifer, Nick C Ogden, Claire Gannon, Joseph M Brown, Garrett D Bohl, Andrew F. Stafforini
Project NIRRVIS: Precise NIR Radial Velocity Follow-up of Exoplanet Candidates Identified Through This Program

Joshua Schlieder, Christian Obermeier, Thomas Henning, Johannes Koppenhoefer

The DEEPDIPS Program: Characterization of M Dwarf Eclipsing Binary Candidates with IRTF SpeX

Ellen Howell, Ronald Vervack, Yan Fernandez, Sean Marshall, Jenna Crowell

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

Michael Lucas, Joshua Emery

Building Blocks of the Terrestrial Planets: Mineralogy of Hungaria Asteroids

Adam Burgasser, Everett Schlawin, Joanna Teske, John Gizis

High-precision Spectral Variability of Brown Dwarfs Using Simultaneous Spectral Calibrators

Driss Takir, Joshua Emery

Near-infrared Spectroscopy of Outer Main Belt Asteroids

Megan Ansdell, Jonathan Williams, Grainne Costigan

The First Complete Spectroscopic Survey of the Embedded Young Stellar Cluster NGC 2024

David Sand, Tiara Diamond, Eric Hsiao, Stefano Valenti, Howie Marion, Andy Howell, Curtis McCully, Iair Arcavi, Griffin Hosseinzadeh

Constraining Supernova Physics with Near-Infrared Spectroscopy

Joel Green, Yao-Lun Yang, John Lacy

A Jet Shapes a Cloud: High Speed Shocks in [Ne II]

William Best, Michael Liu, Eugene Magnier

Ultracool Dwarfs in the Galactic Plane

Mark Willman, Bin Yang, Michael Marsset

Understanding Physical Properties of High-Albedo Asteroids from WISE and AKARI

Michael DiSanti, Boncho Bonev, Erika Gibb, Geronimo Villanueva, Michael Mumma, Lucas Paganini, Michael Combi, Stefanie Milam, Martin Cordiner

Parent Volatile Abundances, H₂CO Nuclear Spin Ratio, and Inner-Coma Physics in Comet C/2013 US10 [Catalina]

David Polishook, Nicholas Moskovitz, Dagmara Oszkiewicz, Tomasz Kwiatkowski

Asteroid Pairs: a Key to Measure the Timescale of Space Weathering

Kevin Luhman, Taran Esplin

Improving the Census of Young Stars and Brown Dwarfs in NGC 1333

Lawrence Sromovsky, Patrick Fry

Spatial and temporal variations of methane on Uranus

Katherine Alatalo, Mark Lacy, Philip Appleton, Sabrina Cales, Lisa Kewley, Lauranne Lanz, Ute Lisenfeld, Anne Medling, Kristina Nyland, Jeff Rich

Using SpeX to determine the role of shocks in unexpectedly transitioning galaxies

Richard Pearson, Robert Stencel, Ray Russell, Michael Sitko, Daryl Kim

Out-of-eclipse observations of eclipsing binary disk systems: The search for thermal properties of circumstellar disks

Kendra Kellogg, Stanimir Metchev

Determining the Cause of Dustiness in New Peculiar L and T Dwarfs

Andrew Rivkin, Joshua Emery

LXD Spectroscopy of Collisional Family Members

Courtney Dressing, Elisabeth Newton, David Charbonneau

Characterizing Low-mass Stars Hosting Small Planets

Bo Reipurth, Michael Connelley

Faint companions to newborn stars

Myriam Pajuelo, Mirel Birlan, Benoit Carry, Jerome Berthier, Francesca DeMeo, Marcel Popescu

Spectral characterization of small binary asteroids

Kimberly Aller, Michael Liu, Eugene Magnier

Finding the Missing Substellar Members in Young Moving Groups

Nicholas Scott, Raphaela Wagner, Bertrand Mennesson, Michael Meyer, Geoffrey Bryden, John Rayner

Identification and Architecture of Hot/Warm ExoZodiacal Disks with SpeX.

Bryan Holler, Leslie Young, Will Grundy, Cathy Olkin, Eliot Young, Bobby Bus, Jason Cook

Spectra of the Large Kuiper Belt Objects 2007 OR10 and Salacia

Aaron Golden

A Near IR Spectrum of the Crab Pulsar

Jose P. Fonfria, Jose Cernicharo, Matthew J. Richter

Carbon chains in the envelope of IRC+10216

Silvia Protopapa, Michael Kelley, Bin Yang, Jessica Sunshine, Michael A'Hearn, Jacqueline Keane

The Physical Properties of Water Ice in Comets

Will Fischer, Deborah Padgett

SpeX Spectroscopy of WISE-Identified Young Stellar Objects in Canis Major

Charlie Conroy, Alexa Villaume, John Rayner, Pieter van Dokkum

A New Look at the IRTF Spectral Library for Stellar Population Models

Ron Vervack, Neil Dello Russo, Mike Kelley, Hideyo Kawakita, Hal Weaver

Probing the chemistry of comet C/2013 US10 [Catalina] with SpeX and CSHELL

Joshua Schlieder, Tom Greene, Tom Herbst, Sebastien Lepine, Emily Rice, Eric Gaidos

Completing the CASTOFFS Survey with SpeX III. Fall Targets: Part 2

Eric MacLennan, Joshua Emery

Regolith Effects on Asteroid Space Weathering: An Observational Investigation

Daniella Bardalez Gagliuffi, Adam Burgasser, Jacqueline Faherty, Christopher Gelino, Johannes Salzmann, Sarah Schmidt, Nathalie Skrzypek

Volume-Limited Spectral Survey of Late M and L Dwarfs

Nicholas Moskovitz

A compositional census of basaltic asteroids in the inner Solar System

Robert Novak, Michael Mumma, Geronimo Villanueva

Two Dimensional Maps of [HDO]/[H₂O] and O₂[singlet Delta] Emission during Mars' Early Northern Summer

Jackie Faherty, Sara Camnasio, Munazza Alam, Kelle Cruz, Emily Rice

From Brown Dwarfs to Giant Planets: Diversity in Clouds, Gravity, and Metallicity

Dohyeong Kim, Myungshin Im

M_{BH} - sigma* relation of red Active Galactic Nuclei [AGNs]

Eugene Magnier, Michael Liu, Will Best, Chris Waters

New nearby L dwarfs from Pan-STARRS

Brian Mazur, Thomas Megeath, Marina Kounkel, Lee Hartmann

Determining the Properties of Protostellar and Pre-Main Sequence Binaries in the Orion Molecular Cloud

Diane Wooden, Sue Lederer, Yan Fernandez, Emmanuel Jehin, David Harker, Yan Fernandez, Ellen Howell, Amy Lovell, Nick Moskovitz, Lance Benner

NEA Characterization with IRTF+SpeX and UKIRT+Michelle: Surface Composition, Albedo & Diameter

Benjamin Sargent, Sundar Srinivasan

Metallicities of OH/IR Stars in the Galactic Bulge Using CSHELL

Scott Dahm

A Near-Infrared Spectroscopic Survey of NGC 7129

James Muzerolle, Kevin Flaherty, Zoltan Balog, Tracy Beck, Elise Furlan, Robert Gutermuth

Circumbinary Accretion Disk Dynamics Traced by SpeX

Cristina Thomas, Lucy Lim, David Trilling, Nicholas Moskovitz

Search for a Differentiated Asteroid Family
