

Spring 2015 Applications Awarded Time

Tom Stallard, Steve Miller, Henrik Melin, Sang Joon Kim, Tim Livengood, James O'Donoghue, Rosie Johnson

Detecting the atmospheric driver for Saturn's variable rotation rate

Michal Simon, Lisa Prato

Effective Temperature Measurement of Low-Mass PMS Stars

Sherry Fieber-Beyer, Mike Gaffey, Paul Hardersen

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

Paul Hardersen, Vishnu Reddy, Rachel Roberts

Constraining the main-belt basaltic asteroid population through NIR reflectance spectroscopy and mineralogical characterization

Therese Encrenaz, Thomas Greathouse, Pierre Drossart, Thierry Fouchet, Michael Janssen, Samuel Gulkis, Glenn Orton, Leigh Fletcher, Rohini Giles

Monitoring Jovian Dynamics: A 3D map of PH₃ and NH₃ using TEXES

Andrew Mann, Eric Gaidos, Megan Ansdell

Measuring the True Temperatures of Stars

Glenn Orton, Leigh Fletcher, Thomas Greathouse, James Sinclair, Rohini Giles, Patrick Irwin, Takao Sato, Takehoko Satoh, Yasumasa Kasaba, Padma Yanamandra-Fisher

Variability of Jupiter's Atmosphere in Major Bands and Shrinking and Reddening Anticyclones: Preparation for the Juno Mission

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

Changes in Saturn's Cloud Structure: Support for the Cassini Atmospheric Investigation on Orbits 213-219

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

Vladimir Krasnopolsky

DEUTERIUM ENRICHMENT IN WATER IN THE DEEP ATMOSPHERE OF VENUS

Therese Encrenaz, Thomas Greathouse, Matthew Richter, John Lacy, Thomas Widemann, Bruno Bezdard, Thierry Fouchet, Sushil Atreya, Hideo Sagawa

HDO and SO₂ thermal mapping in Venus mesosphere

Sandrine Guerlet, Thomas Greathouse, Thierry Fouchet, Aymeric Spiga

Characterization of equatorial waves in Saturn's stratosphere

Taran Esplin, Kevin Luhman, Eric Mamajek, Elijah Miller

A Complete Survey for Disk-bearing Members of the Upper Sco Association

Francesca DeMeo, Richard Binzel, David Polishook

Determining the role of Mars in refreshing asteroid surfaces

Andrew Rivkin, Joshua Emery

LXD Spectroscopy of Collisional Family Members

Gordon Bjoraker, Michael Wong, Brigitte Hesman, Tilak Hewagama

Water Clouds and Volatiles on Jupiter in Preparation for Juno

Klaus Hodapp

Spectroscopy of Variable YSOs

Nicolas Flagey

To Be or not to B[e] an LBV

Leslie Young, William Grundy, Bryan Holler, Eliot Young

Occasional Triton spectra 2013-2017 for rotational and seasonal variability

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

Spectroscopic confirmation of very low-mass stars, brown dwarfs and planetary-mass candidates in nearby, young moving groups

Marcel Popescu, Mirel Birlan, Julia de Leon Cruz, Dan Alin Nedelcu, Bogdan Dumitru, Ovidiu Vaduvescu, Pierre Vernazza

Spectral properties of near-Earth asteroids in cometary orbits

Stuart Littlefair, Gregg Hallinan, Sarah Casewell, Evan Keane, Vik Dhillon

Confirmation of optical and radio aurora on low mass stars

Edward Montiel, Geoffrey Clayton, Tom Geballe, Patrick Tisserand, Doug Welch

Uncovering the Evolutionary Pathways of the R Coronae Borealis Stars: The 16O/18O Ratio

Eilat Glikman, Mark Lacy, Tanya Urrutia, Meg Urry

Luminous Radio-Quiet Red Quasars out to $z \sim 2.5$: Feedback and Massive Black Hole Assembly

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

TEXES mapping of the emerging northern polar vortex on Saturn

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

IRTF NEO Rapid Response: Close Encounters of the Asteroid Kind

Jeffrey Bailey, Paola Caselli, Stephanie Cazaux, Seyit Hocuk, Marco Spaans, Miwa Goto, Gisela Bano Esplugues

CO-cktails before the snowstorm: A study of ices in the Pipe Nebula

Vishnu Reddy, Juan Sanchez, Nick Moskovitz, Bruce Gary, Tom Kaye, Ron Dyvig, Lucille Le Corre

Physical Characterization of Small Near-Earth Objects

Jennifer Hanley, Kurt Retherford, Constantine Tsang, Lorenz Roth, Thomas Greathouse

Chlorate salts on the surface of Europa as a key to investigating its subsurface chemistry and mobility: Unique and determinant identifications with mid-IR TEXES spectra

Karen Leighly, Donald Terndrup, Sarah Gallagher, Xinyu Dai

Quasar Feedback: The Special Case of Broad NaI Absorption Quasars

Kenneth Hinkle, Matt Richter, Richard Joyce, John Lacy

Dust and Organic Molecule Formation in Sakurai's Object

Driss Takir, Joshua Emery

Near-infrared Spectroscopy of Outer Main Belt Asteroids

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

Miwa Goto, Tom Geballe, Tomonori Usuda

Searching for isotopomers of H₃⁺ in the infrared

Hui Dong, John Lacy

Distinguishing Runaway Stars and In-situ Star Formation in the Galactic Center

Thomas Greathouse, Glenn Orton, Leigh Fletcher, Therese Encrenaz, Thierry Fouchet, Rohini Giles

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

Toru Kouyama, Hideo Sagawa, Takao Sato

Imaging of planetary-scale thermal fluctuations of Venus using SpeX

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

Characterization of the primitive asteroids in the inner-belt [II]: the Erigone family

Hideo Sagawa, Therese Encrenaz, Thomas Greathouse, Matthew Richter, John Lacy

Search for SO₃ on Venus middle atmosphere

Henrik Melin, Tom Stallard, James ODonoghue, Steve Miller, Sarah Badman, Rosie E. Johnson, Luke Moore

The influence of the Sun on Saturn's polar ionosphere

Mark Swain, Rober Zelle, Pierre Drossart, Ingo Waldmann

Confirming non-LTE Emission in an Exoplanet Atmosphere

Takeshi Sakanoi, Hajime Kita, Yasumasa Kasaba, Chihiro Tao, Shota Fujiwara, Kimura Tomoki, Masato Kagitani, Mizuki Yoneda

Coordinated observation of Jovian IR and UV aurorae and radio emission for understanding the thermosphere-ionosphere-magnetosphere coupling system in Jupiter

David Sand, Howie Marion, Stefano Valenti, Dipankar Banerjee, Andy Howell, Iair Arcavi, Curtis McCully, Griffin Hosseinzadeh, Jerod Parrent, Melissa Graham, Eric Hsiao

Constraining Supernova Physics with Near-Infrared Spectroscopy

Lucas Paganini, Michael Mumma, Michael DiSanti, Boncho Bonev, Geronimo Villanueva, Erika L. Gibb, Hermann Boehnhardt

IRTF observations of the Rosetta target comet 67P/Churyumov-Gerasimenko near perihelion

Richard Pearson, Robert Stencel, Ray Russell, Michael Sitko

Infrared observations of disk-eclipsing binary systems: Finding time-dependent, disk temperature changes

Kendra Kellogg, Stanimir Metchev

Determining Cause of Dustiness in New Peculiar L and T Dwarfs

James O Donoghue, Henrik Melin, Tom Stallard, Luke Moore, Rosie Johnson

Finding the source of low-latitude heating at Jupiter using high spatial resolution global maps of upper-atmospheric energy distribution

Cathy Olkin, Will Grundy, Leslie Young, Bryan Holler

SpeX observations of Pluto to complement the New Horizons mission

Aaron Golden

A Near IR Spectrum of the Crab Pulsar

Joan Najita, James Muzerolle, Sean Brittain, Sean Andrews, Luca Ricci, Melissa McClure

Demographics of Oph T Tauri Stars and Transition Objects

Michael Cushing, J. Davy Kirkpatrick, Chris Gelino, Adam Schneider, Sergio Fajardo-Acosta, Greg Mace

An AllWISE Search for New Solar Neighborhood Members

Cristina Thomas, Lucy Lim, David Trilling, Nicholas Moskovitz

Search for a Differentiated Asteroid Family

Alberto Rodriguez-Ardila, Murilo Marinello

Unraveling the excitation mechanisms of AGN ultra-strong FeII emitters

Kimberly Aller, Michael Liu, Eugene Magnier

Finding the Missing Substellar Members in Young Moving Groups

Boncho Bonev, Michael DiSanti, Geronimo Villanueva, Michael Mumma, Michael Combi, Lucas Paganini, Erika Gibb

Volatile Abundances, H₂CO Spin Ratio, and Inner-Coma Physics In Comet C/2014 Q1 [PANSTARRS]

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

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

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

Completing the CASTOFFS Survey with SpeX II. Spring Targets

Katelyn Allers, Kimberly Aller, Michael Liu

L' and 3.3 micron Imaging of Young Exoplanet Analogs

Daniella Bardalez Gagliuffi, Adam Burgasser, Christopher Gelino, Nathalie Skrzypek, Jacqueline Faherty, Kelle Cruz

Volume-Limited Spectral Survey of Late M and L Dwarfs: Determining the Frequency and Separation Distribution of Very Low Mass Binaries through Spectral Blends

Jacqueline Keane, Bin Yang, Silvia Protopapa, Michael Kelley

The Physical Properties of Water Ice in Comets

Mark Willman, Bin Yang, Michael Marsset

Searching for Water in High-Albedo Asteroids from WISE and AKARI

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

Metal-Rich and Metal-Poor: Expanding the IRTF Spectral Library

Guy Stringfellow

Spectral Identification of New Galactic LBV, WR, and WN Progenitor Stars of Mid-IR Nebulae

Cassy Davison, Russel White, Todd Henry, Nicole Cabrera, Justin Cantrell

A Catalogue of Cool Dwarfs and a Possible Young Hot Jupiter

Eric Gaidos, Andrew Mann, Megan Ansdell

Parameters of M Dwarf Stars from High-Resolution Infrared Spectra

Kyoung Hee Kim, Dan M. Watson, William Forrest, Benjamin Sargent, Manoj Puravankara, Shane Fogerty

SpeX observation of PAHs in the Protoplanetary Disks around Low-Mass T Tauri Stars

Janet Simpson, Angela Coteria, Kris Sellgren

Characterizing the Sources of High-Velocity Outflows with SpeX

Benjamin Sargent, Dan Watson, William Forrest, Nuria Calvet, Elise Furlan, Kyoung-Hee Kim, Joel Green, Klaus Pontoppidan, Cyprian Tayrien

Confirmation of Formic Acid in the DF Tau Protoplanetary Disk with TEXES

Bo Reipurth, Michael Connelley

Studying a newly discovered protostellar quadruple system

Robert Howell, John Spencer, Julie Rathbun, Jay Goguen

Mutual Event Occultations of the Loki Volcano on Io

David Paige, Paul Lucey, Paul Hayne, Michael Aye, Raquel Nuno

A Search for Lunar Surface Water Ice in Amundsen Crater

Michael Lucas, Joshua Emery

Building Blocks of the Terrestrial Planets: Mineralogy of Hungaria Asteroids

Karsten Schindler, Vishnu Reddy, Lucille Le Corre

Low Resolution Spectroscopy of J1X Sinope and JX Lysithea

Laurence Trafton

Observations of Pluto in Support of the New Horizons Earth Based Campaign

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

Characterizing Extreme Brown Dwarfs: From Red and Cloudy to Blue and Metal Poor.
