

Fall 2013 Applications Awarded Time

Vladimir Krasnopolsky

Variations of Minor Atmospheric Constituents on Venus

Andrew Mann, Eric Gaidos

Pushing the Models to the Metal: Improved Parameters for Late-Type Stars

Vishnu Reddy, Michael Gaffey, Juan Sanchez, Andreas Nathues, Lucille Le Corre, Paul Abell

Physical Characterization of Near-Earth Asteroids

Vishnu Reddy, Michael Gaffey, Petr Pravec, Juan Sanchez, Brian Warner, Lucille Le Corre, Paul Abell

Surface Composition of Binary Asteroids

Michael Sitko, Ray Russell, Erin Monk, Carol Grady, Arne Henden, Michel Cure, Misato Fukagawa, Bruce Woodgate, Jeremy Swearingen

Disk Tomography of Stratified Herbig Ae Protoplanetary Disks - IRTF SpeX and SOFIA FORCAST

Michael Sitko, Ray Russell, Misato Fukagawa, Carol Grady, Jeremy Swearingen, Daryl Kim, Erin Monk, Arne A. Henden, Jun Hashimoto, Michel Cure, R. Brad Perry

Probing the Inner Planet-Forming Disks with Joint Multiwavelength Spectral and Adaptive Optics Imaging Observations

Eric Gaidos, Mann Andrew, Knicole Colon

ROCK-STARS: Relative planet Occurrence around the Coolest Kepler Stars

Eric Gaidos, Andrew Mann, Knicole Colon

MERMAIDS: Metal-Rich M dwarfs for An Infrared-selected Doppler Survey

Henrik Melin, Tom Stallard, James O, Steve Miller, Laurence Trafton, James S. D. Blake

Characterizing the energy drivers in the upper atmosphere of Uranus

Tom Stallard, Henrik Melin, Sarah Badman, Steve Miller, Yasumasa Kasaba, Ichiro Yoshikawa, Atsushi Yamazaki, Yasumasa Kasaba, Takeshi Sakanoi, Tomoki Kimura, Chihiro Tao, Mizuki Yoneda, Masato Kagitani, James O'Donoghue, James Blake

EXCEED support observations: Ion wind currents in Jupiter's aurora

Sherry Fieber-Beyer, Mike Gaffey

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

Pierre Vernazza, Richard Binzel, Mirel Birlan, Florian Gourgéot, Christophe Dumas, Philippe Lamy, Audrey Delsanti, Aurelie Guilbert-Lepoutre

Compositional investigation of newly discovered interlopers among Hilda asteroids and Jupiter Trojans: Constraining Solar System formation models

Rachel Roberts, Sherry Fieber-Beyer, Michael Gaffey

Investigating the Gefion Asteroid Family as a Proposed Source of the L-Chondrite Meteorites

Terry Jones, Charles Woodward, Michael Kelley, Padma Yanamandra-Fisher

Imaging Polarimetry of C/2012 S1 ISON

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

IRTF NEO Rapid Response: Close Encounters of the Asteroid Kind

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

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

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

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

Peter Allen

L Dwarf Companions to Spectroscopic Binaries: Spectroscopic Follow-Up

Michael Sitko, Ray Russell, Padma Yanamandra-Fisher, Carey Lisse, Erin Monk, Michael S. Kelley, Charles Woodward, Diane Wooden, David Harker, Daryl Kim, Takafumi Ootsuba

IRTf Comet ISON Campaign: Thermal and Scattering Properties of the Dust Grains of Comet ISON

Kevin Luhman

A Search for High Proper Motion Objects with WISE

Everett Schlawin, Johanna Teske, Ming Zhao, Terry Herter

A Spectroscopic Study of KIC12557548b - A Possible Disintegrating Transiting Planet

Jonathan Gagne, Lison Malo, David Lafreniere, Rene Doyon, Etienne Artigau, Marie-Eve Naud

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

Will Grundy

Sila-Nunam Mutual Events

Zoe Landsman, Humberto Campins, Julia de Leon, Noemi Pinilla-Alonso, Javier Licandro

Infrared Spectroscopy of Erigone and Polana Asteroids

Katherine de Kleer, Imke de Pater, Ashley Davies, Mate Adamkovics

Characterizing Io's Heat Flow and Eruption Mechanisms through Frequent Monitoring

Ian Crossfield

ACME Spectra: Completing the Northern ACME Sample

Kimberly Aller, Michael Liu

Finding the Missing Substellar Members in Young Moving Groups

David Sand, Jerod Parrent, Andy Howell, Melissa Graham, Stefano Valenti

Constraining Type Ia Supernova Physics with Near-Infrared Spectroscopy

Amanda Gulbis, Michael Person, Amanda Bosh, Carlos Zuluaga

Stellar Occultations of Four Large Trans-Neptunian Objects

Karsten Schindler, Vishnu Reddy, Lucille Le Corre

Low Resolution Spectroscopy of Irregular Jovian Satellites

Sarah Casewell, Matt Burleigh, S. Geier, K. Lawrie, P. Steele

Time series photometry of irradiated brown dwarfs

Lawrence Sromovsky, Patrick Fry

Measuring the post equinox methane distribution on Uranus

Emmanuel Marcq, Therese Encrenaz

Investigating CO variability in the lower mesosphere of Venus using CSHELL

Neil Dello Russo, Ronald Vervack, Harold Weaver, Hideyo Kawakita, Hitomi Kobayashi, Anita Cochran, Walter Harris, Nicolas Biver, Dominique Bockelee-Morvan, Jacques Crovisier, Emmanuel Jehin

The Chemical composition and evolution of C/2012 S1 ISON as it approaches and passes the Sun

Marcel Popescu, Mirel Birlan, Dan Alin Nedelcu

Spectral properties of asteroids associated with Taurid Complex

Geoffrey Clayton, Ed Montiel, Patrick Tisserand, Tom Geballe, Douglas Welch

Using $^{16}\text{O}/^{18}\text{O}$ to Determine the Evolutionary History of the R Coronae Borealis Stars

David Rodriguez, Jacqueline Faherty

Spectroscopy of Newly Identified Young Low-Mass Stars Near Earth

Michael DiSanti, Boncho Bonev, Erika Gibb, Geronimo Villanueva, Michael Mumma, Lucas Paganini, Karen Magee-Sauer, Adam McKay

The Volatile Oxidized Carbon in Comet C/2012 S1 [ISON] and a Search for Isotopic carbon monoxide [^{13}CO]

Carey Lisse, Michael Sitko, John Rayner, Neil Dello Russo, Ron Vervack, Francesca DeMeo, Tushar Mittal, Christine Chen, Damian Christian, Carl Melis

SPeX and CSHELL Studies of the Water- and Organics-Rich Circumstellar Material in the Eta Corvi Late Heavy Bombardment System

Joshua Emery, Richie Ness, Michael Brown

Trojan asteroids: Spectral and compositional variability

Robert Novak, Michael Mumma, Geronimo Villanueva

Variation of [HDO], [H₂O], and the D/H Ratio During Mars' Northern Spring; Influence of Water Ice Clouds on these Values

Boncho Bonev, Geronimo Villanueva, Michael DiSanti, Michael Mumma, Erika Gibb, Lucas Paganini, Karen Magee-Sauer

Deuterium in Comet C/2012 S1 [ISON]

Jacqueline Faherty, Nathalie Skrzypek, Stephen Warren, Subhanjoy Mohanty

A New Technique for Identifying and Diversifying the Brown Dwarf Population

David Trilling, Amanda Gulbis, Andy Rivkin

Identification of volatile ices on outer Solar System surfaces from very low signal SpeX+MORIS spectra

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

Tracking Global-Scale Cloud Variability in Jupiter in the Late Stages of a Global Upheaval

Cassy Davison, Russel White, Justin Cantrell, Nicole Cabrera

A Search for Planets around mid M-dwarfs

Christopher Crockett, Lisa Prato, Christopher Johns-Krull

Detecting Extrasolar Planets in the First 3 Myr

Stephen Wolters, Paul Weissman, Sam Duddy

Surface Evolution of Asteroid Pairs

Ellen Howell, Ronald Vervack, Yan Fernandez, Sean Marshall

Combining Thermal Observations and Radar-Derived Shapes of Near-Earth Asteroids

Howie Marion, Eric Hsiao, Robert Kirshner, Ryan Foley, Peter Challis

Near Infrared Spectral Sequences of Supernovae

Lucy Lim, Lance Benner, Cristina Thomas, Joshua Emery

Thermal Emission Photometry of Potentially Hazardous Asteroids: Two Bright Radar Targets

William M. J. Best, Michael C. Liu, Eugene A. Magnier, Kimberly M. Aller, Niall R. Deacon

Expanding the Census of L/T Transition Dwarfs in the Solar Neighborhood with Pan-STARRS1 and WISE

Michael Gregg, Robert Becker, Richard White

Infrared-Bright, Optically Hidden Quasars

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

Changes in Saturn's Cloud Structure, Support the Cassini Atmospheric Investigation on Orbits 196-210.

Hideo Sagawa, Toru Koyama, Takao M. Sato

Imaging of Venus cloud layers using NSFCAM2

John Bochanski, Beth Willman, Andrew West

Mapping the Milky Way's Halo out to 500 kpc: New M Giants selected from UKIDSS

Andrew Rivkin, Josh Emery, Eric Volquardsen

The L-band Mainbelt Near-earth Object Program: End of Phase

Nicholas Moskovitz, David Polishook, Francesca DeMeo, Richard Binzel

Single apparition measurement of asteroid spin vectors

David Polishook, Nicholas Moskovitz, Francesca DeMeo, Richard Binzel

IR Spectroscopy of Asteroid Pairs: Measuring the Timescale of Space Weathering

Francesca DeMeo, Richard Binzel, Nicholas Moskovitz, David Polishook

Differentiated material in the Main Asteroid Belt

Takashi Shimonishi, Takashi Onaka, Yoichi Itoh, Itsuki Sakon, Yuri Aikawa, Hideaki Fujiwara

Spatial Distribution of Ices and Gas in Cepheus A East

Julie Rathbun, John Spencer

Io's Volcanic Control of the Io Torus

Heather Kaluna, Karen Meech

Water Distributions in the Main Asteroid Belt

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

SpeX Observations of the Gas Emission and Dust Continuum of Comet C/2012 S1 [ISON]

Adam Burgasser, Daniella Bardalez Gagliuffi, Jacqueline Faherty, Stan Metchev, Chris Gelino

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

Richard Cartwright, Josh Emery, Andy Rivkin

Spectroscopic and photometric investigation of the four largest Uranian satellites:
Accumulation of exogenic dust and surface alteration by magnetic field interactions?

Hajime Kita, Hiroaki Misawa, Chihiro Tao, Takeshi Sakanoi, Yasumasa Kasaba, Takeru Uno

Investigation of Jupiter's mid-low latitude H3+ emission and connection to the inner magnetosphere

Yanga Fernandez, Beatrice Mueller, Nalin Samarasinha, Laura Woodney, Paul Abell

Reflected and Thermal Measurements of Comet 2P/Encke's Nucleus During the 2013 Apparition

Bin Yang, David Jewitt

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

Brian Mazur, Tom Megeath, Will Fischer, Marina Kounkel, Dawn Peterson, Lee Hartmann

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

Jon Mauerhan

SpeX and CSHELL observations of a new sample of eclipsing binaries in the Galactic center

Michael Liu, Eugene Magnier, Niall Deacon, Kimberly Aller, Will Best, Michael Kotson

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

Nicole Cabrera, Russel White, Xavier Delfosse, Cassy Davison, Nicola Astudillo, Sam Quinn

Precise Radial Velocities of Nearby Active Stars
