

Spring 2013 Applications Awarded Time

Heather Kaluna, Karen Meech, Bin Yang

Water Distributions in the Main Asteroid Belt

Adam Burgasser, Sarah Schmidt, Andrew West, John Bochanski, Suzanne Hawley

SpeX Spectroscopy of an Optically-Classified, Volume-Limited VLM Dwarf Sample Within 25 pc: The BUD Survey

Lisa Prato, Dary Ruiz, Viviana Rosero

The Mass Ratio and Accretion Properties of AS 205B

Sarah Schmidt, Saurav Dhital, Andrew West, Adam Burgasser

Ultracool Dwarf Metallicities From Infrared Spectra

Stephen Wolters, Paul Weissman, Sam Duddy

Surface Evolution of Unbound asteroid Pairs

Kris Sellgren, Deokkeun An, Solange Ramirez

L' Imaging of Young Stellar Objects in the Galactic Center

Michael Shara, Graham Kanarek, Jackie Faherty, David Zurek, Orsola De Marco

An NIR Galactic Plane Search for Planetary Nebulae

Brendan Hermalyn, Diane Wooden, Karen Meech, Michael Kelley, Bin Yang

The Herschel Impact Experiment: Searching for volatiles with SpeX

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

Multiple Phase Observations of Supernovae

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-STARRS 1 and WISE

Christopher Johns-Krull, Wei Chen

Using RS CVn Stars to Study the Origin of Magnetic Fields on Young Stars

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

A Sensitive Search for Deuterated Water and Methane in Comet C/2011 L4 [Pan-STARRS]

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

Spectroscopic Determination of M Dwarf Metallicities

Constantine Tsang, John Spencer, Emmanuel Lellouch, Matt Ritcher, Thomas Greathouse

Io's Contracting Atmosphere in 2013 and the measurement of a new SO₂ absorption band at 497 cm⁻¹.

Christopher Crockett, Lisa Prato, Christopher Johns-Krull, Pat Hartigan, Dan Jaffe, Charles Beichman

Detecting extrasolar planets in the first 3 Myr

L. Andrew Helton, William Vacca, Nye Evans, Charles Woodward, Frederick Walter

Dust Dissipation and Destruction in Nova V1280 Scorpii

Bin Yang, David Jewitt

Near Infrared Spectroscopy of Small Cybele Asteroids

Yuriko Saito, Tomoki Morokuma, Toshihiro Kawaguchi, Masatoshi Imanishi, Yosuke Minowa, Nagisa Oi, Nozomu Kawakatsu, Kenta Matsuoka, Takeo Minezaki, Tohru Nagao

Weighing Supermassive Black Holes at $z \sim 3$ by NIR Spectroscopy

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

Parent Volatile Composition of Unusually Bright Comet C/2011 L4 [PanSTARRS]

Bruce McCollum, Frederick Bruhweiler, Seppo Laine, Lee Rottler

The Complex Circumstellar Environment of the Only Known Recent Stellar Merger

Carey Lisse, Mike Sitko, John Rayner, Neil Dello Russo, John Carr, Christine Chen, Ron Vervack

SPeX and CSHELL Studies of the Water- and Organics-Rich Circumstellar Material in the $\hat{\iota}$ -Corvi Late Heavy Bombardment System

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

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

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

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

David Trilling, Amanda Gulbis, Andy Rivkin

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

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

A Unique Study of the Nitrogen Chemistry of Comet C/2011 L4 [PanSTARRS]

Dan Alin Nedelcu, Mirel Birlan, Marcel Popescu

The missing V-type NEAs

Nicole Cabrera, Russel White, Cassy Davison, Xavier Delfosse

Precise Radial Velocities of Young Stars Near Earth

Eric Gaidos, Andrew W. Mann

Infrared identification of metal-rich M dwarfs for exoplanet searches

I-Ting Ho, Lisa Kewley

Flux measurements of galaxy-scale lensing systems

Leslie Young, William Grundy, Eliot Young

Occasional Triton spectra 2013-2017 for rotational and seasonal variability

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

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

Emily Schaller, Henry Roe, Michael Brown

Titan's Methane Meteorology: Context for Cassini Flybys T89-T93

David Polishook, Francesca DeMeo

Testing formation mechanisms of binary asteroids

Nicholas Moskovitz, Vishnu Reddy, Paul Abell, Lucy Lim, Josh Emery

Rotationally Resolved Surface Properties of Spacecraft Target Asteroid 2002 GT

Franck Marchis, Jesus Emilio Enriquez, Josh Emery

Investigating the Relationship Between the Composition of Asteroids and Their Multiplicity: The Final Year

David Polishook, Nicholas Moskovitz

A search for color heterogeneity on the surfaces of rapidly rotating rubble pile asteroids

Andrew Mann, Eric Gaidos, John Brewer, Sebastien Lepine, Kimberly Aller, Niall Deacon, Mike Liu, Eugene Magnier

Understanding ultracool dwarfs: ages and metallicities

John Bochanski, Beth Willman, Andrew West

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

Leigh Fletcher, Glenn Orton, Tommy Greathouse

Evolution of Saturn's Atmosphere After the Great Northern Springtime Storm: Support for the Cassini CIRS Investigation

Glenn Orton, Tommy Greathouse, Leigh Fletcher

Tracking the Rapid Evolution of Jupiter's Atmosphere Through a Global Upheaval

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

The volatile composition of comet C/2011 L4 Pan-STARRS

Terry Jones, Micaela Bagley

Magnetic Fields and Dust in Starless Cores

Jacqueline Faherty, Sebastian Lepine, Andrew West, Saurav Dhital

Understanding the Tail-end of Star Formation: New Wide Low Mass Binaries Detected in WISE

Amanda Gulbis, Michael Person, Amanda Bosh, Carlos Zuluaga

Stellar occultations by three candidate dwarf planets

Susan Benecchi, Keith Noll, Audrey Thirouin

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

Rachel Roberts, Sherry Fieber-Beyer, Michael Gaffey

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

Paul Hardersen, Amy Mainzer, Vishnu Reddy

Investigating candidate Vestoid asteroids via the WISE dataset

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

Infrared Spectroscopy of Erigone and Polana Asteroids

Andrew Rivkin, Josh Emery, Eric Volquardsen

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

Ian Crossfield, Carolina Bergfors, Wolfgang Brandner, Maria Lenius

Characterization of Candidate Binary-star Exoplanet Systems

Ian Crossfield

ACME Spectra: Flux-Calibrated Spectra of Exoplanet Host Stars

Chick Woodward, Ray Russell, Diane Wooden, Michael Kelley, David Harker, Michael Sitko

Daytime BASS Spectrophotometry of C/2011 L4 [PanStarrs] Near Perihelion

Kevin Walsh, Francesca De Meo, Marco Delbo

Where do the primitive near-Earth objects come from? Re-assessing primitive asteroid families in the inner Main Belt.

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

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

Ellen Howell, Ronald Vervack, Yan Fernandez

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

Eilat Glikman, Mark Lacy, Tanya Urrutia, Meg Urry

An infrared survey for red quasars with WISE

Michal Simon, Lisa Prato

Effective Temperature and Log g of PMS Stars in the Ophiuchus SFR

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

Tracking Global-Scale Cloud Variability in Jupiter through a Global Upheaval

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

Changes in Saturn's Cloud Structure, Support for the Cassini VIMS Investigation on Orbit 181-195

Kevin Luhman, Eric Mamajek

A Census of Low-mass Stars and Brown Dwarfs in Upper Scorpius

Sherry Fieber-Beyer, Mike Gaffey

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

Tom Stallard, Steve Miller, Henrik Melin, James O'Donoghue, Sarah Badman

Ground-based support for Cassini auroral observations

Kimberly Aller, Adam Kraus, Michael Liu

A Search for Wide Planetary-Mass Companions in Star-Forming Regions

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

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

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

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

Michal Simon, Joshua Schlieder

Spectroscopic Binaries in the Beta Pic and AB Dor Nearby Young Moving Groups

Michael Sitko, Ray Russell, Misato Fukagawa, Carol Grady, Jeremy Swearingen, Arne A. Henden, Jun Hashimoto, Michel Cure

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

Thomas Greathouse, Glenn Orton

Characterizing Wave Phenomena in Jupiter's Stratosphere in the Thermal-IR

Sara Beck, John Lacy, Jean Turner

High Resolution Spectra of Starburst Galaxies with TEXES

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

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

Richard Binzel, Nicholas Moskovitz, David Polishook, Timothy Spahr, Schelte Bus, Mirel Birlan, Francesca DeMeo, Steven Chesley

IRTf NEO Rapid Response: Close Encounters of the Asteroid Kind

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

Characterizing Hydrocarbon Emission in Saturn's Northern Hemisphere upon approach to Summer Solstice

Francesca DeMeo, Richard Binzel, David Polishook, Benoit Carry

A search for mantle material in the Main Belt

Will Grundy

Sila-Nunam Mutual Events
