

Fall 2008 Telescope Applications Awarded Time

Colin Aspin, Bo Reipurth, Tracy Beck

Quiescent State NIR Spectroscopy of V1647 Orionis II

Glenn Orton, Padma Yanamandra-Fisher, Leigh Fletcher, Agustin Sanchez-Lavega

Physical and Chemical Changes in Jupiter During an Epoch of Global Upheaval

Glenn Orton, Padma Yanamandra-Fisher, Leigh Fletcher, Thierry Fouchet

Observations of Saturn to Support Cassini CIRS Atmospheric Science on Revs 75-102

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

Observations of Saturn to Support Cassini VIMS Atmospheric Science on Revs 75-102

Kevin Luhman, August Muench, James Muzerolle

Spectroscopy of Candidate Class I and II Brown Dwarfs

Paul S. Hardersen, Michael J. Gaffey, Vishnu Reddy, Sherry Fieber-Beyer

Near-infrared Spectroscopy of the M-asteroid Population

Paul S. Hardersen, Vishnu Reddy, Sherry Fieber-Beyer

Searching for Igneous Main-belt Asteroids via NIR Spectroscopy

Vladimir A. Krasnopolsky

Study of Minor Constituents in the Atmosphere of Venus

Nick Moskovitz, Joshua P. Emery, Lucy Lim

NIR Spectroscopy of Basaltic Asteroids in the Main Belt

Heidi B. Hammel, David K. Lynch, Ray W. Russell

Neptune Spectra at 3-13 μm : Seeking the Signature of Discrete Features

Steve Miller, Makenzie Lystrup, Nick Achilleos, Laurence M. Trafton, Tom Geballe

Solar Effects and Auroral Enhancement of the Infrared Dayglow of Uranus

Michael L. Sitko, Ray W. Russell, David K. Lynch, Darryl Kim, Carol A. Grady, John P. Wisniewski, Misato Fukagawa, John Monnier, Ajay-Kumar Tannirkulam, Karen S. Bjorkman, Suellen M. Brafford, Heidi B. Hammel

Disk Wall Variability in Pre-Main Sequence Disks

Tracy Beck, Colin Aspin

Understanding Excess Hot Water Vapor Absorptions in Young Stars

Mirel Birlan, Alin Nedelcu, Pierre Vernazza, Richard Binzel, Marcello Fulchignoni, Antonella Barucci, Elisabetta Dotto, Guillaume Boubin

Near IR Spectroscopy of NEOs Possible Target for Marco Polo Space Mission

Pierre Vernazza, Richard Binzel, Joseph L. Hora, Benoit Carry, James Jackson

Mid Infrared Spectroscopy of 2 Pallas

Tomoki Morokuma, Masatoshi Imanishi, Chih-Han Peng, Nagisa Oi, Tohru Nagao, Takeo Minezaki

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

Franck Marchis, Joshua P. Emery

Spectroscopic Study of Binary Asteroid Systems in Coordination with SPITZER Telescope

Beth Ellen Clark, Maureen Ockert-Bell, Michael K. Shepard

Spectroscopic Survey of K and Xk-Asteroids: Parent Bodies of Carbonaceous Meteorites?

Alan Tokunaga, Richard Binzel, Andrew S. Rivkin, Schelte J. Bus

MIT-Hawaii-IRTF Joint Program for Characterization of Near-Earth Objects

Michael Cushing, Michael C. Liu, Mark S. Marley, Didier Saumon

Precision Tests of Ultracool Dwarf Atmospheric Models

Richard Binzel, Andrew S. Rivkin, Alan Tokunaga, Schelte J. Bus

MIT-Hawaii-IRTF Joint Program for Characterization of Near-Earth Objects

Karen Leighly, Matthias Dietrich

Low-ionization IR Lines in Luminous Narrow-line Seyfert 1 Galaxies

Leslie A. Young, William M. Grundy, Eliot F. Young

Nitrogen Migration on Triton's Surface

Adam J. Burgasser, Dagny Looper, Kelle Cruz, Michael Cushing, J. Davy Kirkpatrick, Chris Gelino, Kevin Luhman, I. Neill Reid

Hidden Gems: A Long-term Survey for Unresolved Stellar/Brown Dwarf Binaries

David E. Harker, Charles E. Woodward, Michael S. Kelley, Diane Wooden

Dust Properties of Comet C/2007 W1 (Boattini)

Michal J. Simon, Josh Schlieder, Sebastien Lepine

Identification and Characterization of Stars in the b Pic and AB Dor Young Moving Groups

Kenneth Chambers, Paul A. Price

High-z Quasars from Pan-STARRS 1

Edward F. Tedesco, Eric Volquardsen, Marco Delbo

The Distribution of Main-Belt Asteroid Thermal Inertias

Johan Warell, Ann L. Sprague, R. W. Kozlowski, Jorn Helbert

Infrared Spectroscopy of Mercury's Surface Composition: Complementing MESSENGER Flyby Observations

Michael C. Liu, Eugene Magnier, Trent Dupuy, Michael Cushing, Kenneth Chambers

First Brown Dwarfs from Pan-STARRS-1

Massimo Marengo, Joseph L. Hora, Nancy R. Evans, Guiseppe Bono

Are Classical Cepheids Losing Mass?

Vishnu Reddy, Michael J. Gaffey, Alan W. Harris, Petr Pravec, Ronald Fevig

Mineralogical Characterization of Binary Asteroid Population

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Mineralogical Investigation of the Baptistina Asteroid Family

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Investigation of X/M/E Class Main-belt Asteroids

Robert E. Stencel, Brian Kloppenborg
Transient 2 & 4 micron CO in the Spectrum of the Epsilon Aurigae Disk during Eclipse

Sara Slater, Daniel Jaffe, Casey Deen, Christopher M. Johns-Krull, Lisa Prato
Simultaneous Spectroscopy of Near-Infrared and Optical Veiling in TTauri Stars

Gabriela Canalizo, Edward Laag, Steve Croft
Extreme Starburst in the Local Universe

Chad Bender, Gail Schaefer, Michal J. Simon
Dynamical Observations of Hyades Cluster Spectroscopic Binaries

Amanda S. Bosh, Stephen E. Levine, Amanda Gulbis
Uranus' Ring-plane Crossing: Stellar Occultation of U0801

Rene Doyon, David Lafreniere, Etienne Artigau, Jasmine Robert, Lison Malo
Spectroscopic Follow-up of High Proper Motion Brown Dwarf Candidates

Amanda Gulbis, James L. Elliot, M. J. Person, Schelte J. Bus
High-speed Photometry of Possible KBO Occultations

Lucy Lim, Andrew S. Rivkin, Joshua P. Emery
Thermal IR Spectral of 1 Ceres and Asteroids with Ceres-like 3- μ m Features

Dawn E. Peterson, Lori Allen, Michael Cushing, S. Thomas Megeath, Judith L. Pipher
Probing the Initial Mass Function in the Orion Molecular Cloud 2/3 Region

Andrew S. Rivkin, David Trilling
Prism Mode Spectroscopy of Small Koronis Family Objects

L. A. Sromovsky, Patrick M. Fry
SpeX Observations of Jupiter, Uranus, and Neptune

Ronald Vervack, Neil Dello Russo, Harold A. Weaver, Nicolas Biver, Domin. Bockelee-Morvan, J. Crovisier

Investigating the Volatile Composition of Comets 6P/d'Arrest, C/2007 W1 (Boattini), and C/2007 N3 (Lulin)

Jackie Faherty, Michael Shara, Adam J. Burgasser, Kelle Cruz, Frederick M. Walter

Characterizing Unusual Brown Dwarfs Identified in a NIR Proper Motion Survey

David Trilling, Michael Mueller, Tommy Grav, Andrew S. Rivkin

A SpeX-derived Compositional Map of the Kuiper Belt

Emily Schaller, Henry Roe, Michael Brown

Titan's Methane Meteorology: Context for Cassini Titan Flybys T46-T49

Ellen S. Howell, Ronald Vervack, Yan R. Fernandez

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

Mark Pitts, Eugene Magnier

NIR Spectroscopic Follow-up of Low-mass Member Candidates in Nearby Clusters

Russel White, Jeff Burchfield, Christopher M. Johns-Krull

An Infrared Radial Velocity Search for Planets Orbiting Mid-M Dwarfs

Michael DiSanti, Michael J. Mumma, Geronimo Villanueva, Boncho Bonev, Yana Radeva, Dennis Bodewits, Karen Magee-Sauer, Erika Gibb

The volatile Organic Composition of the Long-period Comet C/2007 N3 Lulin

Claudia Knez, Adwin Boogert, Jean Chiar, Lee Mundy

Chemical and Physical Evolution of Ices in the Perseus Dark Cloud

Padma Yanamandra-Fisher, Terry J. Jones, Glenn Orton, Kevin H. Baines

Near-Infrared Linear Polarimetry of Saturn and Its Rings

Nancy Chanover, Gordon Bjoraker, Tilak Hewagama, Randy Carlson

Simultaneous Cassini and IRTF Spectroscopy of Saturn's Deep Atmosphere

Peter Garnavich, Colin McClelland, G. Howie Marion, Christopher Gerardy
Understanding Supernova Physics Through Early Spectroscopy

Takeshi Kobuna, Takeshi Sakanoi, Shoichi Okano, Takehiko Satoh
Dynamical Variation in Jupiter's Ionospheric Plasma Drifts at High Latitudes

Diane Wooden, Michael S. Kelley, Eliot F. Young, Charles E. Woodward, Paul G. Lucey, Tony Colaprete, Jen Helman
LCROSS Impact: Detecting Lunar Hydrated Minerals with SpeX

Katelyn Allers, Michael C. Liu, Michael Cushing
Developing Empirical Spectral Diagnostics: Pleiades Brown Dwarfs

Karen S. Bjorkman, John P. Wisniewski, Erica Hesselbach, Jon E. Bjorkman
Probing the Density Structure and Variability of Circumstellar Disks

Carl Melis, Ben M. Zuckerman, Bruce MacIntosh
Characterizing a New Class of Dusty Giant Stars

Christopher M. Johns-Krull, Lisa Prato, Naved Mahmud, Patrick Hartigan, Marcos Huerta Daniel Jaffe
Detecting Extrasolar Planets in the First 3 Myr

James L. Elliot, Elisabeth R. Adams, Mathew Lockhart, Amanda Gulbis
Multiple Photometric Transits of Northern-Hemisphere Extrasolar Planets

Dagney Looper, J. Davy Kirkpatrick, Adam J. Burgasser
The Suns' Dark Neighbors II: Searching for Ultracool T/Y Dwarfs

James Muzerolle
Variable Hot Dust Emission in T Tauri Transitional Disks

Laurence M. Trafton, Steve Miller, Tom Stallard
Height of Saturn's Homopause

Eric Volquardsen, Andrew S. Rivkin

Semi-Major Axis Dependence of Hydrated Minerals in Outer Belt Asteroids

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Hydrated Minerals in Near-Earth Object Regoliths

Paul A. Abell, Vishnu Reddy, Michael J. Gaffey

Mineralogical Characterization, Albedo, and Source Region Determination of Near-Earth Objects