

SPRING 2008 APPLICATIONS AWARDED OBSERVING TIME

Vladimir A. Krasnopolsky

Photochemical Mapping of Mars

Masatoshi Imanishi, Nagisa Oi, Yasuyuki Watabe, Nozomu Kawakatu

Star-formation and the Origin of SMBH-growth in Nearby QSOs

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

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

Claud H. Sandberg Lacy, Derek Sears, Albert D. Grauer

Mineralogy of Hera Spacecraft Targets

Vishnu Reddy, Michael J. Gaffey, Alan W. Harris, Petr Pravec, Adrian Galad

Mineralogical Characterization of Binary Asteroid Population

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

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

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

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

Pierre Vernazza, Alain Doressoundiram, Mirel Birlan, Eric Volquardsen, Stephane Erard, Alin Nedelcu

Resolved Spectroscopy of Mercury in the Near-IR

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

Opening the Mid-IR Window on Asteroid Physical Properties

Therese A. Encrenaz, Thomas Greathouse, Matthew Richter, John H. Lacy

High-resolution Infrared Spectroscopy of Mars with TEXES: H₂O, H₂O₂ and Temperature Mapping

David K. Lynch, Ray W. Russell, Richard J. Rudy, Charles E. Woodward

Coordinated Infrared Spectroscopy of Novae

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

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

Erika Gibb, David Horne, Daniel Blake, Kari A. Van Brunt

Searching for Organics in Circumstellar Disks

Lucimara P. Martins, Alberto Rodriguez-Ardila, Ronaldo E. de Souza, Sueli Viegas, Ruth Gruenwal

Tracers of Star Formation in the Near-Infrared

Michal J. Simon, Sebastien Lepine

Radial Velocity Confirmation of New, Low-Mass Members of the Nearby Young Moving Groups

Andrew Potter, Rosemary Killen, Thomas Bida

IR Spectra of Regions Near the Lunar North Pole

Mirel Birlan, Pierre Vernazza, Richard Binzel, Alin Nedelcu, Antonella Barucci,

Marcello Fulchignoni, Brian D. Warner

Rotational Spectra of 2867 Steins, Target of Rosetta Mission

Nancy Chanover, Gordon Bjoraker, Tilak Hewagama, Randy Carlson

Simultaneous Cassini and IRTF Spectroscopy of Saturn's Deep Atmosphere

Jean Chiar, Amanda Cook, Douglas C.B. Whittet, Edwin Bergin, Perry A. Gerakines, Sachindev Shenoy, Erika Gibb

Ice Chemistry and Extinction Thresholds in the Starless Dark Cloud Lynds 134N

Kevin Luhman

Spectroscopy of Candidate Class I and II Brown Dwarfs

Nick Moskovitz, Eric Gaidos, Robert Jedicke, Samuel Lawrence

Time Series Spectra of Asteroid 10537

Bin Yang, David Jewitt

Near Infrared Spectroscopy on Unusual "blue" Asteroid

Ekaterina Verner, Fred Bruhweiler, Alexander Kutyrev, Bruce A. Peterson

Confirming Correlations in FeII(UV) MgII and Luminosity in Quasars at $z \sim 3$ with IRTF/SpeX

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

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

Karen Leighly, Matthias Dietrich

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

Nick Indriolo, T. P. Snow, Benjamin McCall

Measuring CO in Translucent Interstellar Clouds to Support Hubble Space Telescope Observations

Andrew S. Rivkin, Eric Volquardsen

Carbonates on Asteroidal Surfaces: How common are they?

Tracy Beck, Colin Aspin

Understanding Excess Hot Water Vapor Absorptions in Young Stars

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

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

Murray F. Campbell, John H. Lacy, T. K. Sridharan, James M. De Buizer, Henrik Beuther, Masao Saito

Mid-IR Emission Line Study of Just-formed Massive Young Stellar Objects

M. Sornig, Guido Sonnabend, Kelly E. Fast, L. Montabone, P. Kroetz, D. Stupar, R. Schieder

Measuring Zonal Winds on Mars by High-resolution Infrared Spectroscopy of CO₂

Guido Sonnabend, M. Sornig, Theodor Kostiuk, Tilak Hewagama, P. Kroetz, D. Stupar, R. Schieder

A New Search for Methane in the Martian Atmosphere by IR Heterodyne Spectroscopy

Emily Schaller, Henry Roe, Michael Brown

Titan's Methane Meteorology: Context for Cassini Titan Flybys T41-T44

Jose Cernicharo, J. P. Fonfria, Matthew Richter, John H. Lacy

A Search for Long Polyacetylenic Chains and Heavy Hydrocarbons in IRC+10216

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A Search for C₂H₂ and C₂H₄ toward Dark Clouds

Kira J. Abercromby, Paul A. Abell, Edwin S. Barker

Material Determination of Human-made Geosynchronous Orbit (GO) Objects

Amanda Gulbis, James L. Elliot, M. J. Person, Schelte J. Bus

High-Speed Photometry of Possible KBO Occultations

Adam J. Burgasser, Dagny Looper, Kelle Cruz, J. Davy Kirkpatrick

Unresolved Duplicity at the L Dwarf/T Dwarf Transition

Eilat Glikman, S. G. Djorgovski, Mark Lacy

Dust Obscured Quasars: A Missing Link in Quasar Evolution

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Ices in Rho Ophiucus and Serpens Toward Low Mass YSOs

Seth Redfield, Karl Stapelfeldt, Martin A. Bitner

Searching for Molecular Absorption in the Young, Nearly Edge-On Debris Disk of HD32297

Michael J. Mumma, Geronimo Villanueva, Robert Novak, Tilak Hewagama

Search for Recent Release of Biomarker Gases on Mars

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

Spectroscopic Study of Mercury's Surface Composition Using SpeX

Theodor Kostiuk, Timothy A. Livengood, Robert J. MacDowall, Kelly E. Fast, John Annen,

David Buhl, Tilak Hewagama

Sun-Jupiter Connection: Auroral Stratosphere

Timothy A. Livengood, Theodor Kostiuk, Kelly E. Fast, Paul N. Romani, John Annen, David Buhl,

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Temperature and Ethane Concentration in Saturn's Stratosphere: Revealing the Frigid North

Brigette Hesman, Donald E. Jennings, Gordon Bjoraker, Pedro V. Sada, Allen Lunsford, Robert Boyle

Saturn's Hydrocarbon Emission Near the Time of Cassini CIRS Observations

Mark Swain, Ian Crossfield, Gautam Vasisht, Cristina Afonso, Thomas Henning

Dayside Spectra of a Hot Jovian World

Eric Volquardsen, Andrew S. Rivkin

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

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, Raul Morales-Juberias

Interaction of Two Giant Anticyclonic Vortices in Jupiter

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

Support for Cassini CIRS Atmospheric Science on Revs 57-74

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

Support for Cassini VIMS Atmospheric Science on Revs 57-74

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

Investigating the Volatile Composition of 6P/d'Arrest and 46P/Wirtanen

Christopher M. Johns-Krull, Lisa Prato, Patrick Huerta, Patrick Hartigan, Daniel Jaffe

Detecting Extrasolar Planets in the First 3 Myr

Julie Ziffer, Humberto Campins, Yan R. Fernandez, Thais Mothe Diniz

Near-Infrared Spectroscopy of Verita Family Asteroids

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

Characterizing Unusual Brown Dwarfs Identified in a NIR Proper Motion Survey

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Martian Ozone Vertical Distribution and Chemistry

Tilak Hewagama, Drake Deming, Timothy A. Livengood, Jeffrey Pedelty, Vikki Meadows
IR Earthshine Spectroscopy in Support of NASA/EPOXY Disk Integrated Observations of Earth

Catherine B. Olkin, Leslie A. Young, Eliot F. Young, William M. Grundy
Spectra of Pluto to Map Surface Frosts and Search for Seasonal Change

Dagney Looper, John Rayner, J. Davy Kirkpatrick
1–4 μm Characterization of Young Brown Dwarfs in the TW Hydrae Association

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SpeX Observations of Sub-Million Year Old Asteroids

Robert Novak, Michael J. Mumma, Michael DiSanti, Geronimo Villanueva, Boncho Bonev
Mapping of Ozone and the D/H Ratio during Mars' Mid-Northern Spring

Tom Stallard, Steve Miller, Makenzie Lystrup, Sarah Badman
Investigation of Jovian-like Aurorae on Saturn

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

Kenneth Hinkle, Matthew Richter
Calibration of Mass Loss by Direct Observation of H_2

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Gas Motions in UCHII Regions Indicated by H_2 Pure Rotational Lines

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Nitrogen Migration on Triton's Surface

Rene Doyon, David Lafreniere, Etienne Artigau, Jasmine Robert, Lison Malo

Spectroscopic Follow-up of High Proper Motion Brown Dwarf Candidates

Michael Kelley, Michael J. Gaffey, Vishnu Reddy

Mineralogical Investigation of the Baptistina Asteroid Family and Asteroid 253 Mathilde

Stanimir Metchev, J. Davy Kirkpatrick, G. Bruce Berriman, Dagny Looper

New L/T Transition and Peculiar Brown Dwarfs from a SDSS+2MASS Cross-Match

John H. Lacy, John Barentine

Comparative Chemical and Physical Study of High-Mass Protostellar Objects

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

First Brown Dwarfs from Pan-STARRS-1

J. Allyn Smith, Sahar Allam, Douglas L. Tucker, Huan Lin

NIR Photometry of Bright Strongly-Lensed High-Redshift Galaxies from the SDS

Kenneth Chambers, Paul A. Price

High-z Quasars from Pan-STARRS 1

Geoffrey Mathews, Katelyn Allers, Michael C. Liu, Eugene Magnier

Spectroscopic Follow-up of Young Brown Dwarfs and Low-mass Stars with Disks

Kevin R. Covey, Charles J. Lada, Carlos G. Roman-Zuniga, August Muench

SpeX Spectroscopy of YSOs in B59. Measuring the Age of the Pipe Nebula