

SPRING 2005 APPLICATIONS AWARDED TIME

Masatoshi Imanishi, Keiichi Wada
The Unification Paradigm for Seyfert 1 and 2 Galaxies

Terry J. Jones, Charles E. Woodward
Magnetic Fields in Galaxy Mergers

Edward F. Tedesco, Schelte J. Bus, William Bottke, Don Davis, Alberto Cellino, M. Delbo, Alessandro Morbidelli, James Jackson, Joseph L. Hora, James Adams
11.7 μ m Radiometry of Near-Earth Asteroids and their Progenitors

Glenn Orton, P. Yanamandra-Fisher, Kevin H. Baines
Saturn Atmospheric Science: Support for Cassini on Orbits 0–5

Eric Volquardsen, Andrew S. Rivkin
Search for 3 micron Absorption in Near Earth Asteroid Spectra

Vladimir A. Krasnopolsky
Mapping of O₂ Dayglow and CO Mixing Ratio on Mars

Paul S. Hardersen, Paul A. Abell, Michael J. Gaffey
Rotationally-resolved Spectral Observations of M-type Asteroids

Claud H. Sandberg Lacy, Derek Sears, Albert D. Grauer
Mineralogy of Hera Spacecraft Targets

Michael L. Sitko, Ray W. Russell, David K. Lynch
0.4–13 Micron Spectrophotometry of the Comet Tempel 1 – Deep Impact Event

Pierre Vernazza, Antonella Barucci, Marcello Fulchignoni, Alain Doressoundiram, Mirel Birlan
Near IR Spectroscopy of NEOs for a Possible ESA/CNES Space Mission

Richard Binzel, Andrew S. Rivkin, Alan Tokunaga, Schelte J. Bus
Reconnaissance of NEO Mission Targets, Extinct Comet Candidates, and Potentially Hazardous Asteroids

Alan Tokunaga, Richard Binzel, Andrew S. Rivkin, Schelte J. Bus
Reconnaissance of NEO Mission Targets, Extinct Comet Candidates, and Potentially Hazardous Asteroids

Kevin Luhman, S. Thomas Megeath, Lori Allen, Giovanni G. Fazio
SpeX Confirmation of Young Brown Dwarf Candidates from Spitzer

Nancy Chanover, Gordon Bjoraker
Simultaneous Cassini and IRTF Spectroscopy of Saturn

Eric Gaidos, Nick Moskovitz, Evgenya Shkolnik
H₃⁺ Emission from Hot Jupiters

Mukremin Kilic, Ted von Hippel, Sandy K. Leggett, Hugh Harris, Jim Liebert, Jeff Munn,
Kurtis Williams, Donald E. Winget
New Old White Dwarfs and the Age of the Galaxy

Sandy K. Leggett, David Golimowski, Wei Zheng, Kuenley Chiu, Xiaohui Fan, Tom Geballe
Further Enhancement of the Sloan Very Late L and T Dwarf Population

K. Cruz, I. Neill Reid
The Coolest, Nearest L Dwarfs

Martin Elvis, Hermine Landt, Martin Ward, Bradley Peterson, Margarita Karovska, Kirk Korista,
Massimo Marengo, Norman Murray
Type 1 AGN Near-IR Spectra: Paschen Line Diagnostics

Thais Mothé-Diniz, Jorge Carvano, Thomas Burbine, Alain Doressoundiram, Schelte J. Bus,
Mirel Birlan, Antonella Barucci
Mineralogical Characterization of the Eos Family

Robert Novak, Michael J. Mumma, Constantine Makrides, Sara Mignano, Cara Rahon,
Boncho Bonev
Mapping of D/H Ratio and Ozone near Mars' Perihelion

Pilar Montañés Rodríguez, Enric Pallé Bagó
Near-Infrared Earth's Spectral Albedo

Tom Stallard, Steve Miller, Nick Achilleos, Michele Dougherty
IRTf-Cassini Ground Truth Campaign

Thomas Harrison, Ryan Campbell, Steve Howell, France A. Córdoba
Phase-Resolved Spectroscopy of the Cyclotron Features in Magnetic Cataclysmic Variables

Paul A. Abell, Paul S. Hardersen, Michael J. Gaffey
Continued Mineralogical Characterization and Albedo Determination of Near-Earth Objects

Schelte J. Bus, Jessica Sunshine
Near-Infrared Mapping of Silicate-rich Asteroids in the Main Belt

Christopher Gerardy, Peter Hoflich, G. Howie Marion, Robert Quimby, J. Craig Wheeler,
Robert A. Fesen, Kenichi Nomoto

Near-Infrared Spectroscopic Evolution of Type Ia Supernovae

Margaret Hanson, Yara Beshara

Characterizing a Newly Discovered Galactic Center Cluster

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

Infrared Spectral Evidence for Global Change on Triton

M. Mueller, Alan W. Harris, Schelte J. Bus, M. Delbo, James Jackson, James Adams,
Marc Kassis, Joseph L. Hora

The Physical Properties of Potentially Hazardous Asteroids

Tohru Nagao, Masatoshi Imanishi, Takashi Murayama, Yoshiaki Taniguchi

Nuclear Star-Forming Activities in Narrow-Line Seyfert 1 Galaxies

Paul A. Price, Daniel E. Reichart, Melissa Nysewander, Jane Moran, Arne A. Henden,
G. Grant Williams, Donald Q. Lamb, Hye-Sook Park, Ron Canterna, Sylvio Klose,
Dieter H. Hartmann

Probing Star Formation at High-Redshift Using GRBs

Cristina A. Thomas, Richard Binzel, Andrew S. Rivkin, Jessica Sunshine

Asteroid Space Weathering in the 0.1 to 5 km Size Range

Andrew S. Rivkin

Time-Resolved 3- μ m Spectroscopy of 1 Ceres

Massimo Stiavelli, David Soderblom, Lucio Buson

Calibrating Infrared Spectroscopic Indices for Studying Unresolved Stellar Populations

Beth E. Clark, Michael K. Shepard, Schelte J. Bus, Andrew S. Rivkin

Near-Simultaneous Rotational Spectroscopy and Radar of X-Complex Asteroids

Michael Kelley, Terry J. Jones, Charles E. Woodward, Diane Wooden, David E. Harker

Imaging Polarimetry of 9P/Tempel 1 During the Deep Impact Encounter

Michael Brotherton, Cassandra Paul, Gabriela Canalizo, Dan Vanden Berk

Near-IR Imaging of Post-starburst Quasars: Host Galaxies and Interactions

J. Chiar, Douglas C.B. Whittet, Edwin Bergin, Perry A. Gerakines, Andy Adamson,
Sachindev Shenoy

A Study of Near-infrared Ice Absorption Features in Spitzer CO₂ Targets

Margaret Meixner, Joseph L. Hora, Ryan Doering, Nancy R. Adams

Mid-Infrared Imaging of Herbig Ae/Be and Debris Disk Star Circumstellar Environments

Michael J. Mumma, Robert Novak, Boncho Bonev, Michael DiSanti, Neil Dello Russo
Search for Local Sources of Methane and Water on Mars

Brian Stalder, Kenneth Chambers
AO Studies of High z Radio Source Hosts

David Turnshek, Sandhya Rao, Michele Belfort-Mihalyi, Eric Monier, Daniel Nestor
The Nature of Damped Ly α Galaxies: The SDSS-HST Sample

David R. Ciardi, Gerard van Belle, Lee Rottler
Direct Distance Determination for Mira Variables

Ann L. Sprague, Kerri Donaldson Hanna, R. W. Kozlowski
Spectroscopy of Mercury's Surface using MIRSI

Neil Dello Russo, Michael J. Mumma, Michael DiSanti, Boncho Bonev, Karen Magee-Sauer, Erika Gibb, William Anderson
Volatile Chemistry of Comet 9P/Tempel 1 pre- and post-impact

Michael DiSanti, Michael J. Mumma, Neil Dello Russo, Boncho Bonev, Karen Magee-Sauer, Erika Gibb, William Anderson
The Volatile Organic Composition of Comet C/2004 Q2 (Machholz)

William M. Grundy, Marc W. Buie
Discriminating Volatile Transport from Changing Viewing Geometry on Pluto's Surface

Julie Rathbun, Franck Marchis, Alan Tokunaga
Io's Volcanoes: Detecting Bright Outbursts for Followup AO Study

Goldman, Michael Cushing, Heidi B. Hammel, Sandy K. Leggett
Spectroscopic Times-series of Water Bands in L and T Dwarfs

Luke Keller, David Whelan, Marc Berthoud, Terry Herter
Spectroscopic Analysis of Gas Disks around Herbig Ae/Be Stars Using CO overtone and Bandhead Emission

Luke Keller, David Whelan, Marc Berthoud
A Search for CO Overtone and Bandhead Emission from Herbig AeBe Stars

Theodor Kostiuk, Timothy A. Livengood, Kelly E. Fast, Guido Sonnabend, Tilak Hewagama, John Annen
Seasonal Development of the Polar Stratosphere and Mid-Latitudes on Jupiter

Carey M. Lisse, Yan R. Fernandez, Harold A. Weaver, Schelte J. Bus, Tony Farnham
IRTF Observations of the DEEP IMPACT Encounter with Comet 9P/Tempel1

Timothy A. Livengood, Theodor Kostiuk, Guido Sonnabend, Paul N. Romani, Kelly E. Fast, Tilak Hewagama, John Annen

Evolving Distribution of Temperature and Ethane Concentration in Saturn's Summer Stratosphere

Mark Sykes

Thermal Studies of Surviving Terrestrial Protoplanets: Ceres, Pallas, and Vesta

Laurence M. Trafton, D. M. Shemanski

Survey of Jupiter's non-LTE Thermospheric H₂ Emission

Michael H. Wong, Imke de Pater, Franck Marchis

The Comprehensive Jupiter Ammonia Mapping Project

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

Temporal Evolution of the Post-Impact Dust Properties of Comet 9P/Tempel 1 using MIRSI+NSFCAM2

Eric Tollestrup, Ronak Y. Shah, James Jackson, Jill Rathborne

10 μ m Imaging of Massive Star Forming Regions

Ray W. Russell, David K. Lynch, Richard J. Rudy

0.8–5 micron Monitoring of Nova V1187 Sco

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

Constraining the Grain Properties of JF Comet 9P/Tempel 1 Pre-Impact with HIFOGS Spectra

P. Yanamandra-Fisher, Glenn Orton, Brendan Fisher

Multispectral Imaging and Spectroscopy of Saturn's Rings: Seasonal Effects and Cassini Support

Alan N. Stockton, Elizabeth McGrath

Precision Photometry of Galaxies with Old Stellar Populations at $z \sim 1.5$

Donald Lubowich, Lisa Elliott, John Lattanzio, Verne Smith

The Mystery of the Fluorine: F in Super-Li-Rich AGB Stars

William Merline, Peter Tamblyn, Laird Close, Christophe Dumas, Clark R. Chapman

Evaluation of IRTF Adaptive Optics for the Study of Binary Asteroids

Wei Zheng, Marc Postman, Holland Ford

Deep Infrared Imaging of Lensed Clusters: Search for $z > 7$ Galaxies