

## Spring 2000 Applications Awarded Time

**William D. Vacca, Doug Toomey, Sergey Marchenko, Anthony Moffat**  
Dust Formation around Wolf-Rayet WC Stars

**Alice Quillen, Almudena Alonso-Herrero, Heino Falcke**  
Near to Mid IR Spectral Energy Distributions of Low Luminosity AGNs

**John R. Spencer, Julie Rathbun**  
Io Volcanic Activity Near Galileo's Final Io Flyby

**Masatoshi Imanishi**  
How Common are Type-2 Quasars?

**Karen S. Bjorkman, Anatoly Miroshnichenko**  
Circumstellar Dust in Main-Sequence B-Type Stars

**Richard Binzel, S. J. Bus, Scott Stuart**  
Near-Earth Objects: A Population and Exploration Assessment

**John Carr, Suchitra Balachandran**  
Characterizing M Giants in the Galactic Bulge

**Masatoshi Imanishi**  
A Study of the Nuclear Region of Ultra-Luminous Infrared Galaxies

**Glenn Orton, Brendan Fisher, P. Yanamandra-Fisher**  
Jupiter Observations in Support of Galileo Mission Orbit Encounters 27 and 28

**James Muzerolle, Lee Hartmann, Nuria Calvet**  
Brg Emission Line Profiles in Embedded Protostars

**Keith S. Noll, Sandy K. Leggett, Mark S. Marley, Didier Saumon**  
High Resolution Spectra of Brown Dwarfs

**David R. Ciardi, Elizabeth Lada, Carlos G. Roman**  
Investigating Environmental Effects on the Star Formation Process

**Paul N. Romani, Donald E. Jennings, Gordon Bjoraker, Robert Boyle, Pedro V. Sada**  
Spatial Variations of Ethylene on Jupiter

**Timothy Y. Brooke, Kristen Sellgren**  
Voyage to the Bottom of Ice Band Features with SpeX

**Michael J. Gaffey, Michael S. Kelley**  
Compositional Investigation of Asteroid Families

**James Muzerolle, Kevin Luhman, Lee Hartmann, Nuria Calvet**  
Near-Infrared Spectra of Protostars: Probing Disk Evolution

**I. N. Reid, David Koener, J. D. Kirkpatrick**  
3 to 5  $\mu\text{m}$  photometry of ultracool dwarfs

**Michal J. Simon, Tsevi Mazeh, Lisa Prato**

IR Detection of Low Mass Secondaries in Spectroscopic Binaries

**Ellen S. Howell, Andrew S. Rivkin**

Rotationally resolved 3  $\mu\text{m}$  Observations of Asteroids

**Robert Gehrz, Nathan Smith, Evan D. Skillman**

Near-IR Imaging of Extragalactic Supershells

**Zlatan Tsvetanov, Wei Zheng, David Golimowski**

A Quest for High Redshift Quasars and Brown Dwarfs

**Holland Ford, David Golimowski, Chris Burrows**

Searching for Planetary Eclipses of M and L Dwarfs: An Initial Reconnaissance

**Andy Fruchter, James E. Rhoads**

ToO: Gamma-Ray Bursts and Their Host Environments

**Mark Lacy, Susan Ridgway**

Near-IR Imaging of Hosts of Lower-Luminosity FRII Radio Sources

**Andrew S. Rivkin, Jennifer Grier, Jeff Johnson**

Search for Evidence of Water and Hydroxyl on the Moon

**Diane Wooden, Charles E. Woodward, David E. Harker**

Silicate Mineralogy and Protoplanetary Disk Evolution

**John R. Spencer, Marc W. Buie, William M. Grundy, John Stansberry**

Pluto and Triton at 2 - 4 microns with SpeX

**George Bendo, Robert D. Joseph**

Star Formation in a Representative Sample of Spiral Galaxies

**Alan Tokunaga, Miwa Goto**

Evolution of Cosmic Dust

**Almudena Alonso-Herrero, Valentin D. Ivanov, Alice Quillen, G. H. Rieke**

Disentangling the Stellar and Non-Stellar Infrared Emission of Seyfert Galaxies

**David Turnshek, Sandhya Rao, Eric Monier, Frank Briggs, Wendy Lane**

The Nature of Damped Lyman-Alpha Galaxies

**Susan Terebey, C. Chandler, Deborah Padgett**

Dynamical Structure in Ophiuchus Protostars

**L. A. Sromovsky, Kevin H. Baines**

Coordinated Observations of Neptune and Triton, and Observations of Uranus

**David Trilling, Robert H. Brown**

Coronagraphic Search for Debris Disks around Stars with Extrasolar Planets

**Doug Burke, Chris Collins, Bob Mann**

K Band Properties of Brightest Cluster Galaxies at High Redshift

**Heidi B. Hammel, Mark S. Marley, Kathy Rages**

Assessing Atmospheric Aerosols on Uranus with SpeX

**Ray Jayawardhana, David Trilling, Robert H. Brown, Peter Bodenheimer**

Deep Coronagraphic Study of the TW Hydra Association

**Jeff Bary, David A. Weintraub, Joel Kastner**

Constraining the Timescale for Planet Building: CSHELL Observations of the TW Hya Association

**Robert Novak, Michael J. Mumma, Michael DiSanti, Neil Dello Russo, Karen Magee-Sauer**

Photochemical Mapping of Mars: Global Mapping of Ozone, Water and Related Species

**Michael J. Mumma, Michael DiSanti, Neil Dello Russo, Terrence W. Rettig, Sean Brittain**

Search for  $\text{H}_2^+$  Ionospheric Emission from Exoplanets

**Michael J. Mumma, Michael DiSanti, Neil Dello Russo, Karen Magee-Sauer, Terrence W. Rettig, Robert Novak**

Chemical Variations in the Solar Nebula as Revealed by Cometary Volatile Composition

**Karl E. Haisch, Jr., Elizabeth Lada**

Deep L-Band Imaging Survey of Circumstellar Disks in NGC 2362

**Barry Rothberg, Robert D. Joseph**

Near Infrared Observations of Possible Emerging Elliptical Galaxies

**R. A. Webb, Thomas P. Greene, Thomas L. Roellig**

Evolution of Dusty Circumstellar Disks During the Era of Planetary Formation

**Michael E. Ressler, Gerry Neugebauer, Eiichi Egami**

Photometric Calibration of Selected Mid-Infrared Standard Stars

**Grace Wolf-Chase, JoAnn O'Linger, Michael E. Ressler, David Cole**

A Mid-Infrared Study of Candidate Class 0 Protostars

**Michael J. Mumma, Michael DiSanti, Neil Dello Russo, Karen Magee-Sauer, Terrence W. Rettig, Robert Novak**

ToO: The Organic Composition of C/1999 S4 Linear, and Comparison with Other Oort Cloud Comets

**David Shupe, Michael E. Ressler**

SIRTF Request for Mid-Infrared Photometry of Calibrator Stars

**Harold A. Weaver, Gordon Chin, Timothy Y. Brooke, Domin. Bockelee-Morvan, John Davies, Sang J. Kim, John Rayner, Nicholas Biver, William D. Vacca**

Molecular Abundances in Comet LINEAR (C/1999 S4)

**William D. Vacca, John Rayner, Michael Cushing, Andrew Pickles**

A Near-Infrared Spectral Library

**Carey M. Lisse, Yan R. Fernandez, Michael A'Hearn, Michael E. Ressler, Sibylle B. Peschke**

ToO: The Nucleus and Dust of New Comet LINEAR C/1999 S4

**John Rayner, William D. Vacca, Michael Cushing**

Spectroscopy of Cool Stars and Brown Dwarfs