

Spring 1998 Accepted Applications

Bruce Carney, Suchitra Balachandran, Laura Fullton, John Laird

Chemistry & Ages of the Most Metal-rich Globular Clusters

Barney Conrath, Donald E. Jennings, Pedro V. Sada

Ortho-Para Hydrogen Ratios on Jupiter

John Carr, Suchitra Balachandran

Characterizing M Giants in the Galactic Bulge

Eric J. Bakker, David L. Lambert

CO in the Circumstellar Environments of Optically Bright Post-AGB Stars

Jenny Patience, Andrea Ghez

Multiplicity Survey of Young Clusters: Studying the Effects and Evolution of Companions

Shobita Satyapal, Mathew A. Greenhouse, Michael Luhman

Probing the Energy Source in Ultraluminous Galaxies

Shobita Satyapal, Mathew A. Greenhouse, Jacqueline Fischer, Michael Luhman

Steam Line and CO Bandhead Imaging of Starburst Galaxies

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

A Systematic Study of Parent Volatiles in Comets: Organics in Hartley-2, a Kuiper Belt Comet.

Solange Ramirez, Kristen Sellgren, Donald M. Terndrup, Robert Blum, John Carr, Suchitra Balachandran

Chemical Abundances of the Galactic Nucleus

Michael J. Gaffey, Michael S. Kelley

Compositional Investigation of Asteroid Families

Terry J. Jones

Infrared Imaging Polarimetry of M82

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Infrared Imaging Polarimetry of Comets

Robert H. Brown, Christ Ftaclas, Doug Toomey

Deep Probe for Companions of the Nearest K Dwarfs

Richard Binzel, Thomas Burbine

Near-Earth Asteroids: A First Near-Infrared Spectroscopic Reconnaissance

Michael L. Sitko, David K. Lynch, Ray W. Russell

IR Spectroscopy of Herbig Ae/Be Stars

Jay Goguen, Torrence V. Johnson, Dennis L. Matson, Diana L. Blaney, Glenn J. Veeder

Galileo Support: Io's Heat Flow and Global Volcanic State

Richard Elston, Jill Bechtold, Pimol Moth

Star Formation Rates in Damped Lyman-alpha Systems

Hsiao-Wen Chen, Kenneth M. Lanzetta, Sebastian M. Pascarella

Near-IR Imaging of Lyman-alpha Absorbing Galaxies at $z < 1$

Jack E. P. Connerney, Takehiko Satoh, Richard Baron

Long Term Observation of Jupiter's Magnetosphere Using NSFCAM Images of H₃⁺

Karl D. Gordon, Geoffrey Clayton, Karl A. Misselt, Daniela Calzetti

The Role of Dust in Starburst Galaxies

Andrew S. Rivkin, Larry A. Lebofsky

Search for Hydrated Minerals on S- and K-class Asteroids

Michal J. Simon, Tracy Beck, Lisa Prato

High Angular Resolution Observation of Young Binaries in Taurus

Harold A. Weaver, Timothy Y. Brooke, Gordon Chin, Sang J. Kim

Investigating Volatile Depletion in Comet 103P/Hartley 2

David K. Lynch, Ray W. Russell, Ann L. Sprague

Search for the μm and $11.2 \mu\text{m}$ Emission Features of Mercury

David K. Lynch, Ray W. Russell

Search for Circumstellar Dust Emission in 51 Peg

David K. Lynch, Ray W. Russell

3-13 μm Spectroscopy of Comet 55P/Tempel-Tuttle

Christopher M. Johns-Krull, Jeff A. Valenti, Steven Saar

Magnetic Fields on T Tauri Stars

Michael Brotherton

QSO Host Galaxies & The Radio-Loud/Radio

Glenn Orton, Brendan Fisher, P. Yanamandra-Fisher

Galileo Mission Support (Orbits 14 - 16) and Cassini Mission Advanced Support

John Rayner, Joan R. Najita, Thomas P. Greene

The Role of Disks in the Formation of High Mass Stars

John R. Spencer, John Stansberry, C. Dumas

Io Volcanism During the Galileo Extended Mission

Joseph Jensen

Probing Extragalactic Stellar Populations Using IR Surface Brightness Fluctuations

Jeffrey F. Bell, Kevin L. Reed, Rob Whiteley

IR Spectrophotometry of Asteroids

Kevin L. Reed, Jeffrey F. Bell, Michael J. Gaffey

Rotational Spectral Variations of Near-Earth Asteroids

Alan N. Stockton, Gabriela Canalizo

Old Stellar Populations at $z \sim 1.5$

Naoto Kobayashi, Alan Tokunaga

Near-infrared Photometry and Spectroscopy of Brown Dwarf Candidates around YSOs

Ed Rosenthal, Dana E. Backman

A Search for Superplanets in B Pic & Vega-like Circumstellar Disks

B. Partridge, J. Eppley

Near Infrared Search for Galaxies in a Possible Cluster at $z = 2.56$

Laurence M. Trafton, Steve Miller, Gilda E. Ballester

Coordinated Spectral and Imaging Studies of Uranus' H α and H-Ly α Emissions

Steven Saar, Jay Bookbinder

Observations of Magnetic Fields on Cool Stars

Vikki Meadows, David Crisp

The Venus Cloud and Sub-Cloud Atmosphere

Bob Mann, Chris Collins, Doug Burke

K Band Imaging of Brightest Cluster Galaxies in X-Ray Clusters

Daniel Britt, Andrew S. Rivkin

Observations of High Probability Meteorite Parent Bodies

L. A. Sromovsky, Kevin H. Baines, Sanjay Limaye

Coordinated Observations of Neptune's Atmosphere

Petri Vaisanen, Eric Tollestrup, Giovanni G. Fazio

Near Infrared Observations of ELAIS Galaxies

Theodor Kostiuk, Timothy A. Livengood, Jeffrey D. Goldstein

Jovian IR Aurora and the Solar Cycle: A Study of the Variability of Polar Molecular Emission

Jeffrey D. Goldstein, , Theodor Kostiuk

The First Global Observations of Winds in Jupiter's Stratosphere

David Trilling, Robert H. Brown

An Infrared Coronagraphic Study of Kuiper and Circumstellar Disks

Gunter R. Wiedemann, Drake Deming, Gordon Bjoraker

Direct Detection and Mass Determination of the Planet Around Tau Bootes

Wen-Ping Chen, Philip C. Myers, Robert Mathieu

Searching for Binary Protostars in Rotating Molecular Cores