Fall 1998 Accepted Applications

Glenn J. Veeder, Dennis L. Matson, Robert H. Brown
Coronagraphic Search for Infrared Companions

Glenn Orton, Brendan Fisher, P. Yanamandra-Fisher
Galileo Mission Support (orbits 17- - 19) and Cassini Mission Advanced Support

Jack E. P. Connerney, Takehiko Satoh
Long Term Observation of Jupiter’s Magnetosphere Using NSFCAM Images of H 3

Sandy K. Leggett, Doug Toomey, Tom Geballe, Robert H. Brown
Improved Photometry for G1 229B Using CoCo

Michal J. Simon, Tracy Beck
High Angular Resolution Observation of Young Binaries in Taurus

R. Y. Shuping, T. P. Snow, J. Chiar
The Depletion of CO: Gas-Phase Observations

David K. Lynch, Michael L. Sitko, Ray W. Russell
3-13 µm Spectroscopy of Herbig Ae/Be & Related Stars

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

Jim Bell, David Klassen
Long-Term Monitoring of Atmospheric and Surface Volatiles on Mars

Thomas P. Greene, Bo Reipurth, Colin Aspin
Do FU Orionis Eruptions Power Herbig-Haro Jets?

Lee Hartmann, Ray Jayawardhana, Nuria Calvet, Hua Chen
Deep NIR Imaging of Taurus Protostars

Mid-IR Imaging of Gas and Dust in Planetary Nebulae

Massimo Marengo, William F. Hoffmann, Joseph L. Hora, Aditya Dayal, Lynne K. Deutsch, Giovanni G. Fazio
Mid-IR Imaging of AGB Circumstellar Envelopes

Richard Binzel, Thomas Burbine
Near-Earth Asteroids: A First Near-Infrared Spectroscopic Reconnaissance

Karl E. Haisch, Jr., Elizabeth Lada
High Resolution L Band Survey of NGC 2024 and NGC 2071

Stefi A. Baum, Gijs Verdoes Kleijn, Marcella Carollo, Tim de Zeeuw
Near-IR Imaging of a complete Sample of Nearby Radio Loud Galaxies
John R. Spencer, John Stansberry
A Search for Hot Spots on Europa

John R. Spencer, John Stansberry, C. Dumas
Io Volcanism During the Galileo Extended Mission

The Nuclei and Comae of Comets 21/Giacobini-Zinner, 60P/Tsuchinshan 2, and 93P/Lovas I

Douglas M. Kelly, William B. Latter, Joseph L. Hora
Collimated Outflows in NGC 7027

Andrew S. Rivkin, Ellen S. Howell, Larry A. Lebofsky
Hydrated Minerals on S Asteroids and Correlation of 30

Hsiao-Wen Chen, Kenneth M. Lanzetta, Sebastian M. Pascarelle
Near-IR Imagings of Lya Absorbing galaxies at \( z < 1 \)

Drake Deming, Joseph Harrington
The Dispersion Relation of Jovian Thermal Waves

Richard Elston, Jill Bechtold, Pimol Moth
Satr Formation Rates in Damped Lyman-alpha Systems

Patrick Hartigan, John Bally, Ka Chun Yu
Velocity Maps of the \( \text{H}_2 \) Arcs in Cepheus A and OMC1

Michal J. Simon, Tracy Beck, Lisa Prato
NIR Variability of T Tau S and Similar IR-Luminous Companions

Wei Zheng, Zlatan Tsvetanov
A Search for Double-Peaked Infrared Emission Lines in Radio Galaxies

Karen Magee-Sauer, Michael J. Mumma, Michael DiSanti, Neil Dello Russo, Terrence W. Rettig, Robert Novak
CSHELL Observations of Molecules in the 3 \( \mu \)m Region in Comet Giacobini-Zinner (HCN, C\(_2\)H\(_2\), NH\(_3\), NH\(_2\))

Joseph Harrington, Richard G. French, Colleen A. McGhee
The 14 November 1998 Stellar Occultation by Saturn and its Rings

Thermal Properties of Europa's Surface

Christopher M. Johns-Krull, Steven Saar, Jeff A. Valenti
Measuring Magnetic Fields on Classical T Tauri Stars

Amanda S. Bosh, James L. Elliot, Leslie A. Young
Atmospheric Warming on Uranus: Seasonal or Secular?
AGNs and Starbursts in Luminous Infrared Galaxies

Robert D. Joseph

Stellar Populations in the ISO Normal Galaxy Sample

Robert D. Joseph, George Bendo

The Hawaii/ESO Infrared Supernovae Program

William D. Vacca, John Rayner, Bruno Leibundgut

C2H6 and CO Abundances in Comet 21P/Giacobini-Zinner

Harold A. Weaver, Gordon Chin, Timothy Y. Brooke, Domin. Bocklee-Morvan, J. Crovisier, Sang J. Kim

Near-Infrared Spectroscopy of the Massive Protostar Orion-KL IRc2 in Reflection

Tetsuo Hasegawa, Isamu Morino, Takuya Yamashita, Alan Tokunaga

IR Photometry of Asteroid McAuliffe in Support of the DS1 Mission

Roland Meier, David Tholen

Observations of Magnetic Fields on Cool Stars

Steven Saar, Jay Bookbinder

Galileo Support: Io's Heat Flow and Global Volcanic State from Mid-IR Radiometry

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

3-13 µm Spectroscopy of Comet 21P/Giacobini-Zinner

David K. Lynch, Ray W. Russell

Deep Probe for Companions of the Nearest K Dwarfs

Robert H. Brown, Christ Ftaclas, Doug Toomey, Glenn J. Veeder, David Trilling

Thermal Imaging to Detect a Protoplanet


The Morphology of High-Redshift Ultraluminous IR Galaxies

Adam S. Stanford, Wil van Breugel, Daniel Stern

Old Galaxies at High Redshifts

Alan N. Stockton, Gabriela Canalizo, Susan Ridgway

Multiplicity Survey of alpha Persei: Studying the Effects and Evolution of Companions

Jenny Patience, Andrea Ghez

The Effect of X-ray Processing on the Chemistry of Volatile Carbon Near Young Stars

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

A Systematic Study of Parent Volatiles in Comets: Organics in Giacobini-Zinner, a Kuiper Belt Comet

L. A. Sromovsky, Kevin H. Baines, Sanjay Limaye
Observations of Neptune’s Atmosphere and Triton’s Surface

David Turnshek, Sandhya Rao, Eric Monier, Frank Briggs, Wendy Lane
The Nature of Damped Lyman-Alpha Galaxies

David Trilling, Robert H. Brown
An Infrared Coronagraphic Study of Extrasolar Kuiper Disks

Steve Miller, Nick Achilleos, Robert D. Joseph
Supersonic Winds in the Ionosphere of Jupiter

Steve Miller, Nick Achilleos, Laurence M. Trafton, Gilda E. Ballester
H\textsubscript{3}+ Studies of the Outer Planets, Saturn, Uranus and Neptune

Robert D. Joseph
Formation of Elliptical Galaxies by the Merging of Spirals