

Fall 1997 Telescope Applications Awarded Time

Michael A'Hearn, Yanga Fernandez, Karen J. Meech, Joseph L. Hora, William F. Hoffmann, Aditya Dayal, Lynne K. Deutsch, Giovanni G. Fazio
(3200) Phaethon - Size, Shape, Albedo, and Everything

Suchitra Balachandran, John Carr, Art Champagne
Oxygen Isotopic Ratios as a Sensitive Test of Stellar Evolution Mode

Jeffrey F. Bell, Kevin L. Reed, Rob Whiteley
IR Spectrophotometry of Asteroids

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

Timothy Y. Brooke, John Carr
A CSHELL Search for Simple Hydrocarbons in Star-Forming Clouds

Peter Bryant, Susanne Aalto
Are Compact Starbursts Really Starbursts?

Jack E. P. Connerney, Takehiko Satoh, Richard Baron
Imaging and Spectroscopy of Jovian H_3^+ Emissions for Galileo's Magnetospheric Campaign

Athena Coustenis, Jean Schneider, Renald Wittemberg, Eric Chassefiere, Thomas P. Greene, Domin. Bockelee-Morvan, Heike Rauer, Alan Penny
Search for Absorption Signatures from the Evaporated Atmosphere of 51 Peg B

Janet Drew, R. D. Oudmaijer, Thomas P. Greene, M. G. Hoare, D. Proga
A CSHELL H α Emission Line Survey of Massive YSOs

James L. Elliot
Triton's Atmospheric Structure: Problems with Present Models

Richard Elston, Jill Bechtold
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Michael J. Gaffey, Michael S. Kelley
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~10 km Spatial Resolution of Io's Volcanos in 4 Simultaneous Wavelengths Using Satellite Occultations

Jay Goguen, Torrence V. Johnson, Dennis L. Matson, Diana L. Blaney, Glenn J. Veeder
Galileo Support: Io's Heat Flow and Global Volcanic State from Mid-IR Radiometry

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The CH₄ Abundance in Titan's Troposphere

Patrick Hall, Richard Green
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Martha S. Hanner
Temporal History of the Dust Coma of Comet P/Wild 2

Joseph L. Hora, Klaus Hodapp, Jochen Eisloffel, William F. Hoffmann, Aditya Dayal, Giovanni G. Fazio, Lynne K. Deutsch
Mid-Infrared Imaging of Deeply Embedded Outflow Sources

James Jackson, Lynne K. Deutsch, Alberto Bolatto
PDRs in Extreme UV Fields: MIRAC2 Observations of W49

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

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

Douglas M. Kelly, Joseph L. Hora, William B. Latter, Charles E. Woodward
Discerning the Structure and Evolution of Planetary Nebulae from Gas Kinematics

Naoto Kobayashi, Alan Tokunaga
Search for Substellar Objects in the NGC2024 Star Forming Cluster

Elizabeth Lada, Robert Pina, Charles M. Telesco

Mid-IR Observations of Disks in Young Embedded Clusters

Terry Z. Martin, Brendan Fisher

Mid-IR Dust Opacity of the Martian Atmosphere

Benjamin McCall, Takeshi Oka, Tom Geballe

Measurement of CO and H₂ Absorption in Molecular Clouds with Detected H₃⁺

Roland Meier, Tobias Owen, Theodor Kostiuk, Donald E. Jennings, George McCabe, Gordon Bjoraker, Pedro V. Sada

Determination of D/H on Titan

Steve Miller, Nick Achilleos, Robert D. Joseph

Spectroscopy of the Jovian Aurorae and Ionosphere During the Galileo Mission

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

Parent Volatiles in Comets: C/1995 O1 Hale-Bopp. Measurement of the D/H Ratio and the Ortho-Para Ratio in Cometary Water, A Study of the Organics, and a Search for New Trace Parent Volatiles

Joan R. Najita, John Carr, Robert Mathieu

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

Elisha Polomski, Charles M. Telesco

Imaging and Spectroscopy of the Circumstellar Environments of Pre-Main-Sequence Stars

Lisa Prato, Michal J. Simon, John Carr

Magnetic Fields of Young Stars

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

Thermal and Reflected Photometric Lightcurves of Asteroid (4) Vesta

Michael E. Ressler

Infrared Spectral Energy Distributions of YSO Infrared Companion

J. Richer, S. Bence, C. Chandler, G. Wright

Velocity Structure in the Bowshocks of Protostellar Jets

Steven Saar, Jay Bookbinder

Observations of Magnetic Fields on Cool Stars

Michal J. Simon, Tsevi Mazeh, Lisa Prato

IR Detection of Low Mass Secondaries in Spectroscopic Binaries

John R. Spencer, John Stansberry, C. Dumas

Characterizing Io's Volcanic Activity During the Galileo Tour

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

Coordinated Observations of Neptune's Atmosphere

John R. Stauffer, Mark McCaughrean

Infrared Imaging Photometry of the Brown Dwarf Sequence in the Pleiades

Alan N. Stockton, Gabriela Canalizo

Selecting Old Stellar Populations at $z \sim 1.7$

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

The Distribution of Auroral and Ionospheric H_2 and H_3^+ Emissions on Uranus

Harold A. Weaver, Timothy Y. Brooke, Gordon Chin

Investigating Volatile Depletion in Comet 55P/Tempel-Tuttle

Gunter R. Wiedemann, Drake Deming, Gordon Bjoraker

Direct Detection and Mass Determination of the Planets Around 51 Peg and Ups And.