

Spring 2014 Applications Awarded Time

Vladimir Krasnopolsky

Seasonal-Latitudinal Variations of Minor Constituents in the Martian Atmosphere

Gordon Bjoraker, Mike Wong, Nancy Chanover, Tilak Hewagama

The Vertical Structure of Water Clouds on Jupiter in Preparation for Juno

Gordon Bjoraker, Mike Wong, Nancy Chanover, Tilak Hewagama

Simultaneous Cassini and IRTF Spectroscopy of Saturn after the Great Storm of 2011

Tom Stallard, Steve Miller, Henrik Melin, Yasumasa Kasaba, Hajime Kita, James O'Donoghue, James Blake, Sarah Badman, Chihiro Tao

EXCEED support observations: Internal and external drivers for long-term auroral variability

Glenn Orton, Padma Yanamandra-Fisher, Leigh Fletcher, Kevin Baines, Patrick Irwin, James Sinclair

Changes in Saturn's cloud structure: Support for the Cassini atmospheric investigation on orbits 201-206

Mayu Hosouchi, Naomoto Iwagami, Shoko Ohtsuki, Toru Kouyama, Takeshi Imamura, George L. Hashimoto, Masahiro Takagi, Kuuto Fujiwara, Yuuhiko Aoyama, Sakimi Kano, Hiroko Iwagami, Severine Robert

Detection of waves in the Venus' atmosphere by mapping the CO₂ absorption and cooperation with Venus Monitoring Camera/Venus Express

Emmanuel Marcq, Therese Encrenaz, Emmanuel Lellouch, Thomas Widemann

Investigating CO variability in the lower mesosphere of Venus using CSHELL

Michael Sitko, Ray Russell, Padma Yanamandra-Fisher, Carey Lisse, Daryl Kim, Suellen Brafford

Pre-Perihelion Multiwavelength Observations of Comet C/2012 K1 [Pan-STARRS]

Michael Sitko, Ray Russell, Misato Fukagawa, Carol Grady, Jeremy Swearingen, Daryl Kim, Arne Henden, Jun Hashimoto, Michel Cure, Suellen Brafford

Probing the Inner Planet-Forming Disks with Joint Multiwavelength Spectral and Adaptive Optics Imaging

Therese Encrenaz, Thomas Greathouse, Matthews Richter, John Lacy, Thomas Widemann, Bruno Bezard, Thierry Fouchet

HDO and SO₂ thermal mapping on Venus mesosphere

Therese Encrenaz, Thomas Greathouse, Matthews Richter, John Lacy, Bruno Bezard, Thierry Fouchet, Sushil Atreya

H₂O₂ and H₂O mapping in the atmosphere of Mars with TEXES

Therese Encrenaz, Thomas Greathouse, Matthews Richter, John Lacy, Pierre Drossart, Thierry Fouchet, Michael Janssen, Samuel Gulkis, Glenn Orton, Leigh Fletcher

Monitoring Jovian Dynamics: A 3D map of PH₃ and NH₃ using TEXES

Michael Sitko, Ray Russell, Stefan Kraus, Carol Grady, Jeremy Swearingen, Daryl Kim, John Monnier, Nuria Calvet, Catherine Espaillet, Michael Ireland, David Wilner, Suellen Brafford, Kevin Wagner

Coordinated Spectroscopic and Interferometric Observations of Young Stellar Disks with Planet-Cleared Gaps

Graham Harper, Matthew Richter, Eamon O Gorman, Edward Guinan, Thomas Greathouse

Probing Betelgeuse's extended atmosphere with IRTF-TEXES and SOFIA-EXES; exploiting the forbidden Fe II ladder

Tom Stallard, Steve Miller, Henrik Melin, Sarah Badman, James O'Donoghue, James Blake

Cassini Auroral Observing campaign mission support: CSHELL measurements of H₃⁺ aurora and ion winds

Brigette Hesman, Donald Jennings, Gordon Bjoraker, James Sinclair, Pedro Sada, Allen Lunsford, Robert Boyle, Paul Romani

Mapping Saturn's Northern Hemisphere Stratospheric Emission Approaching Summer Solstice

Leigh Fletcher, Thomas Greathouse, Glenn Orton, James Sinclair, Pat Irwin, Nick Teanby, Thierry Fouchet, Rohini Giles

Seasonal Saturn: TEXES Mapping of the Emerging North Polar Vortex and Storm Remnant

Henry Roe, Thomas Greathouse, Matt Richter, Alan Tokunaga, Ralf Kaiser

The TEXES Titan Legacy Spectral Survey

Robert Novak, Michael Mumma, Geronimo Villanueva

Water Vapor Originating from Mars' Northern Polar Cap; [HDO], {H₂O}, and the D/H Ratio during Mars' Northern Summer

Matthew Richter, Nick Indriolo, John Lacy, David Neufeld

H₂O in massive star forming regions

Katherine de Kleer, Imke de Pater, Ashley Davies, Mate Adamkovics

Linking Io's Volcanic Activity to Plasma Torus Variability

Thomas Greathouse, Glenn Orton

Characterizing Wave Phenomena in Jupiter's Stratosphere in the Thermal-IR

Robert Novak, Michael Mumma, Geronimo Villanueva

2-D Maps and Diurnal Variation of the O₂[a11"g] Emission near Mars' Northern Summer Solstice; an Indicator of Ozone

Manuela Sornig, Pia Krause, Tobias Stangier, Carolin Wischnewski, Tim Livengood, Theodor Kostiuk, Arianna Piccialli, Maren Herrmann

Investigations of Temporal and Spatial Temperature and Wind Changes in the Upper Atmosphere of Venus

Michal Simon, Joshua Schlieder

Spectroscopic Binaries in the Beta Pic and AB Dor Nearby Young Moving Groups

Julie Rathbun, John Spencer, Casey McGrath

Io's Volcanic Control of the Io Torus

Kristin Kulas, Matt Richter, Sara Beck

A Detailed Study on the Impact of Outflows on Galaxy Evolution with TEXES

Lisa Prato, Christopher Johns-Krull, Christopher Crockett, Dan Jaffe, Patrick Hartigan, Jacob McLane

YES: the Young Exoplanet Survey

Peter Plavchan, Angelle Tanner, Russel White, Guillem Anglada, Todd Henry, Peter Gao, Michael Bottom, Cassy Davison, Sean Mills, David R. Ciardi, Carolyn Brinkworth, Charles A. Beichman, Joseph Catanzarite, Sam Crawford, J. Kent Wallace, Bertrand Mennesson, John A. Johnson, Kaspar von Braun, Bernie Walp, Gautam Vasisht, Stephen R. Kane, Lisa A. Prato

Precise Near-Infrared Radial Velocity Survey of Nearby M Dwarfs

Adam Ginsburg, John Lacy, John Bally, Allison Youngblood

Mapping the inner H₂ & NeII outflow in the Orion BN/KL nebula

Alain Khayat, Alan Tokunaga, Geronimo Villanueva, Michael Mumma

Deepest Search for Carbonyl Sulfide [OCS] and Thermal Structure Retrievals in the Atmosphere of Mars

John Lacy, Tie Liu

Ionized gas kinematics and triggered star formation in G9.62+0.19

Timothy A. Livengood, Theodor Kostiuk, John Kolasinski, Manuela Sornig

Seasonal and Meridional Investigation of Isotopic Distillation in Mars CO₂

Constantine Tsang, John Spencer, Matt Richter, Thomas Greathouse

los Volcanically Supported Atmosphere at 8.6 microns

Hideo Sagawa, Takao M. Sato, Toru Kouyama, Shoko Ohtsuki

Imaging of Venus atmosphere using NSFCam2

Cassy Davison, Russel White, Todd Henry, Nicole Cabrera

Creating a Catalogue of Cool Stars for Future Terrestrial Planet Searches

Laurence Trafton, John Lacy, Thomas Greathouse

IRTF/TEXES Observations of Uranus' Cooling Rate

Nicole Cabrera, Russel White, Cassy Davison, Xavier Delfosse

Precise Radial Velocities of Nearby Active Stars

Hajime Kita, Yasumasa Kasaba, Takeshi Sakanoi, Chihiro Tao, Tom Stallard, Tomoki Kimura, Yuichiro Ezoe, Masato Kagitani, Mizuki Yoneda, Shota Fujisawa

Heating process and dynamo effect of Jovian thermosphere under interaction with radiation belt: coordinated observation with infrared/ultraviolet/x-ray/radio telescope
