

Spring 2019 Applications Awarded Time

Richard Cartwright, Joshua Emery, Noemi Pinilla-Alonso

Searching for seasonally-mobile CO₂ ice and NH₃-hydrates on the large moons of Uranus [Part 3]

Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Gary Ferland, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Thaisa Storchi-Bergmann

The first simultaneous monitoring of the Paschen broad emission line region and dusty torus in an AGN: case study Mrk 509

Constantine Tsang, John Spencer, Thomas Greathouse

Studying Io's Seasonal Atmosphere and Investigating Volcanic Emissions

Chick Woodward, Michael S.P. Kelley, David Harker, Diane Wooden

MIRSI/MOC Observations of Two Dynamically New Comets

Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton

The Time-Variable Deep Cloud Structure of Jupiter and Saturn

Bryan Holler, Richard Cartwright, Jason Hofgartner

Rotationally resolved spectroscopy of the dwarf planet [136199] Eris

Daniella Bardalez Gagliuffi, Christopher Theissen, Quinn Konopacky, Adam Burgasser

Searching for Hierarchical Triples in Wide, Common Proper Motion, Very Low-Mass Binaries.

Vishnu Reddy, Juan Sanchez

Physical Characterization of Small Near-Earth Objects

Michael Sitko, Ray Russell, Jon Mauerhan, Daryl Kim, William Danchi, Carol Grady, Dakotah Tyler, Korash Assani, Zoe Lee

Combined IRTF/SpeX/BASS and VLT/MATISSE Observations of Herbig AeBe Stars

Adwin Boogert, Karl Kaess, Matt Richter

iSHELL Spectroscopy of Organics in Protoplanetary Disks: CH₄

Joseph Hora, Elaine Winston

MIRSI Observations of High-Mass Star Formation in the Outer Galaxy

Harriet Dinerstein, Nicholas Sterling, William Vacca

Assessing Planetary Nebulae as Sources of Galactic Neutron Capture Element Enrichment

Glenn Orton, Thomas Momary, Kevin Baines, Arrate Antunano, Leigh Fletcher, James Sinclair, Patrick Irwin, Rohini Giles, Thomas Greathouse

Unique Near-Infrared Observations of Jupiter's Planetary-Scale Equatorial Disturbance During the Juno mission

Archana Soam, B-G Andersson, John H Lacy, Thomas Greathouse, Matthew Richter, Curtis Noel Dewitt, Thiem Hoang

Do I sit in the sun or in the shade? A TEXES proposal to observe H₂ pure rotational excitation in IC63

Andrea Banzatti, Sean Brittain, Stanley Jensen, Madison Walder, John Rayner

An iSHELL legacy survey of molecular gas in Herbig disks

Thomas Greathouse, Glenn Orton, Leigh Fletcher, Rohini Giles, Richard Cosentino, Thierry Fouchet, Therese Encrenaz, Raul Morales-Juberias

Characterizing Wave Phenomena in Jupiter's Upper Atmosphere in the Thermal-IR

Klaus Hodapp, Bo Reipurth

Spectroscopy of the EXor Outburst of IRAS08730-4030

William Vacca, Christian Flores, Franco Leone

Investigating the Strength and Origin of Magnetic Fields in MCP stars

David Trilling, Michael Mommert, Joseph Hora, Howard Smith, Nick Moskovitz, Andy Lopez Oquendo

Observations of Near Earth Objects with the newly refurbished MIRS I

Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best

COCONUTS: COol Companions ON Ultrawide orbiTS

Jay Farihi, JJ Hermes, Ted von Hippel

Dust production versus stellar pulsations in the changing 10 micron silicate feature of the prototype dusty white dwarf G29-38.

Arrate Antunano, Leigh Fletcher, Thomas Greathouse, Glenn Orton, Henrik Melin, James Sinclair, Padraig Donnelly, Rohini Giles, Michael Roman, James Blake, Naomi Rowe-Gurney, Oliver King

Characterizing Jupiter's Equatorial Zone Disturbance and Deep Belt/Zone Structure via Juno-TEXES Comparisons

Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person

Stellar occultations by large TNOs and active centaurs

Guido W. Fuchs, Thomas F. Giesen, Bhaswati Mookerjee, Daniel Witsch, John H. Lacy, Alexander A. Breier, Thomas Greathouse

Mid-Infrared Line Survey towards the oxygen rich late-type star VY Canis Majoris

Graham Harper, Matthew Richter, Thomas Greathouse, Edward Guinan, Edward Montiel, Anita Richards

A new [Fe II] 17.94 micron emission line gas-phase mass-loss rate estimator for Red Supergiants

Henrik Melin, Tom Stallard, Leigh Fletcher, Larry Trafton, Steve Miller, Nahid Chowdhury

Identifying the energy drivers of Uranus' upper atmosphere

Eunhyu Han, Philip Muirhead

Fundamental properties of low-mass stars: determination of a pristine mass-radius relationship using TESS eclipsing binaries

Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin

Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

Michael Gaffey, Sherry Fieber-Beyer, Justin Germann

Investigation of the 20 Massalia Asteroid Family as the Source of the L-Chondrites

Thierry Fouchet, Tommy Greathouse, Bruno Bezard, Vincent Hue

Mapping the CH₃ radical in Jupiter's atmosphere

James Blake, Leigh Fletcher, Thomas Greathouse, Glenn Orton, James Sinclair, Henrik Melin, Mike Roman, Arrate Antunano, Naomi Rowe-Gurney, Pdraig Donnelly, Oliver King

Saturn after the Summer Solstice: Evolution in the Northern Hemisphere

Nicholas Moskovitz, Richard Binzel, Bobby Bus, Gareth Williams, Davide Farnocchia, David Polishook, Francesca DeMeo, Brian Burt

IRTF NEO Rapid Response: Close Encounters of the Asteroid Kind

Bryson Cale, Peter Plavchan, Angelle Tanner, Eric Gaidos, Johanna Teske, Jonathan Gagne

Radial Velocity Follow Up of Extrasolar Planet Candidates Orbiting Cool Low Mass Stars Identified With TESS

Glenn Orton, James Sinclair, Leigh Fletcher, Thomas Momary, James Blake, Arrate Antunano, Linda Spilker, Cecile Ferrari

Mid-Infrared Observations of Saturn's Seasonal and Non-Seasonal Variability Following the Cassini Mission

Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer

High Time Resolution Imaging of Io's Volcanos to Understand their Influence of the Jovian Magnetosphere during the Juno Mission and Improve our Understanding of their time variability

Christine Chen, Sean Brittain, Brandon Johnson, Casey Lisse

Tracing Giant Collisions in the Extreme Debris Disks BD+20 307 and HD 15407

Peter Plavchan, Bryson Cale, Angelle Tanner, Jonathan Gagne

Radial Velocity Follow-up of Recently Discovered Transiting Planets Orbiting the Young and Active M Dwarf AU Mic

Leslie Young, William Grundy, Bryan Holler, Eliot Young

Triton's 2019 baseline for rotational and seasonal variability

Indhu Varatharajan, Constantine Tsang, Jorn Helbert, Noam Izenberg

Mercury's Surface Mineralogy and Thermal properties from Mid-IR Observations

Stephen Warren, Richard Laithwaite

The reddest L dwarfs

Driss Takir, Joshua Emery

Near-infrared Spectroscopy of Outer Main Belt Asteroids

Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin

Search for 3-micron features on near-Earth Asteroids

Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora

Continued investigation of seasonal changes in Titan's meteorology through cloud monitoring with IRTF SpeX

Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle

Combining thermal observations and radar-derived shapes of near-Earth asteroids

Margarita Karovska, Joseph Hora, Massimo Marengo

Mapping the Dusty Environment of the Active Symbiotic System R Aqr

Laura Flagg, Asa Stahl, Christopher Johns-Krull, Lisa Prato, Larissa Nofi, Joe Llama

Direct Detection of the Exoplanet around V1298 Tau

Kendall Sullivan, Lisa Prato, Joe Llama

Short Term Variability in Two Young Binary Star Systems

Bryan Holler, Leslie Young, Will Grundy, Cathy Olkin, Silvia Protopapa, Maya Yanez

Investigating Temporal Changes on Pluto's Northern Hemisphere

Glenn Orton, Joseph Hora, James Sinclair, Leigh Fletcher, Arrate Antunano, Thomas Momary, Rohini Giles, Padraig Donnelly, Henrik Melin, Thomas Greathouse, Michael H. Wong, Imke de Pater

Mid-Infrared Observations of the Evolution of Jupiter's Planetary-Scale Equatorial Disturbance During the Juno mission

Michael Connelley

How Universal is Episodic Accretion? Taking a Look Over a Decade Later

Evgenya Shkolnik, Joe Llama, Tyler Richey-Yowell

Auroral H3+ Emission from Exoplanets with iSHELL

Michael Connelley, Lynne Hillenbrand, Bo Reipurth

A Year Monitoring the eruption of Gaia19ajj

Chrysa Avdellidou, Marco Delbo, Sonia Fornasier, Kevin Walsh, Gerard Van Belle

Characterisation of the newly discovered asteroid families Athor and Zita. Are they the source of enstatite chondrite meteorites?

Michael Connelley, Christian Flores

Are Class I Objects Really Protostars?

Douglas Tucker, Sahar Allam, Marcelle Soares-Santos, J. Allyn Smith, Martin Makler, James Annis, Iair Arcavi, Paulo Barchi, Keith Bechtol, Federico Berfein, Antonio Bernardo, Dillon Brout, Francisco Foerster Buron, Robert Butler, Melissa Butner, Hsin-Yu Chen, Chris Conselice, Chris D'Andrea, Tamara Davis, Reinaldo de Carvalho, Jeffrey Cooke, H. Thomas Diehl, Zoheyr Doctor, Alex Drlica-Wagner, Maria Drout, Maya Fishbach, Christopher Fruchter, Álvaro García, Juan García-Bellido, Mandana Gill, Robert Gruendl
IRTF SpeX Spectroscopy of LIGO/Virgo O3 Transients

Christian Flores, Michae Connelley

The evolution of magnetic field strengths in low-mass young stars: Class II sources.

Sierra Grant, Catherine Espaillat, Sean Brittain

Accretion onto Intermediate-mass Stars

Sara Faggi, Michael J. Mumma, Geronimo Villanueva, Lucas Paganini, Manuela Lippi

Targeting hyper-volatiles in comets: C/2018 W2 [Africano] and C/2017 T2 [PanSTARRS]

Kevin Luhman

Spectroscopy of Candidate Members of the Perseus Star-Forming Region from Gaia DR2

Eric Gaidos, Peter Plavchan

Hidden binaries in the Beta Pictoris Moving Group

Eric Gaidos

Precise Parameters for M Dwarf Hosts of TESS Candidate Planets

Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Howie Marion, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall

Constraining Type Ia Supernova Physics with Near-Infrared Spectroscopy

Bo Reipurth, Michael S. Connelley

A ToO study of young stars with major eruptions

Bo Reipurth, Michael S. Connelley

A dynamically active multiple system in a small cloudlet

James Sinclair, Thomas Greathouse, Rohini Giles, Glenn Orton, Leigh Fletcher

Long-term evolution of stratospheric temperature and hydrocarbon abundances in Jupiter's auroral regions

Sean Graham, Lisa Prato, Joe Llama

H and K Band Observations of the Young Binary Component UY Auriga B and its Disk

Adam Burgasser, Chih-chun Hsu, Jessica Birky, David Hogg, Christian Aganze, Christopher Theissen, Cullen Blake

Training the Cannon: Calibrating APOGEE Observations of Ultracool Dwarfs

Peter Plavchan, Bryson Cale, Sharon Wang, Angelle Tanner, Johanna Teske, Claire Moutou, Ryan Cloutier, Elisabeth Newton

RVxTESS: Spectral Studies of M Dwarfs with Simultaneous TESS and IRTF/iSHELL Observations

Miwa Goto, Anton Vasyunin, Stephanie Cazaux, Paola Caselli

Water Ice in L1521E

Steven Silverberg, Marc Kuchner, John Wisniewski, Carey Lisse, Michael Sitko

Near-infrared Spectroscopy of Peter Pan Disks with SpeX

Miwa Goto, Olli Sipilae, Jorma Harju, Paola Caselli

Search for H₃⁺ in W51-core

Carey Lisse, Mike Sitko, Massimo Marengo, Miles Lucas

IRTF/SpeX Monitoring of Tabby's Star, the KIC 8462852 Extreme Lightcurve System

David Neufeld, Tom Geballe, Miwa Goto, Rolf Guesten, Karl Menten

Observations of the recently-discovered helium hydride ion [HeH⁺] in planetary nebulae

Carey Lisse, Mike Sitko, Massimo Marengo, Stephen Kane, Steve Desch

IRTF/SpeX Characterization of TESS Solar System-Like Targets of Interest

Carey Lisse, Mike Sitko, Hans Moritz Gunther, Scott Wolk

IRTF Time Domain Observations of the RW Aurigae A T Tauri 'Planet Eating' System

Samantha Trumbo, Michael Brown, Katherine de Kleer, Danica Adams

Rotationally resolved observations in search of infrared O₂ absorptions on Ganymede

Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin

A Search for 3-um Features on Nominally Anhydrous Main Belt Asteroids

Rachel Smith, Adwin Boogert

Using iSHELL at High Resolution to Explore Carbon and Oxygen in Massive Young Stellar Objects

Kimberly Ward-Duong, Michael Petersen, Jeff Bary, Kate Follette, Suzan Edwards, Lena Komarova

Accretion and Gas Dynamics in Transition Disk-bearing Young Stars Across the Substellar Boundary

Takashi Shimonishi, Adwin Boogert

Spatial Distribution of Ices and Gas in Cepheus A East II

Adwin Boogert, Karl Kaess, Matt Richter

A High Resolution Monitoring Survey of Protoplanetary Disks
