

Spring 2017 Applications Awarded Time

Hermine Landt, Martin Ward, Daniel Kynoch, Chris Packham, Gary Ferland, Andy Lawrence, Joerg-Uwe Pott, Kirsten Schnuelle

The first spectroscopic monitoring of the dusty torus in an AGN: case study NGC 5548

Andrew Mann, Trent Dupuy, Aaron Rizzuto, Adam Kraus, Michael Ireland

Weighing the Stars: the mass-luminosity-metallicity relation for M dwarfs

Leslie Young, William Grundy, Bryan Holler, Eliot Young

Occasional Triton spectra 2013-2017 for rotational and seasonal variability

Constantine Tsang, John Spencer, Emmanuel Lellouch, Thomas Greathouse

The Seasonal Atmosphere of Io at 19 microns

Chick Woodward, Ray W. Russell, Daryl L. Kim, Michael S.P. Kelley, David E. Harker, Michael L. Sitko

A BASS Study of Coma Dust Composition in 3 Comets

Nicholas Moskovitz, Richard Binzel, Bobby Bus, Gareth Williams, Steven Chesley, David Polishook, Francesca DeMeo, Brian Burt

IRTF NEO Rapid Response: Close Encounters of the Asteroid Kind

Gordon Bjoraker, Michael Wong, Tilak Hewagama, Glenn Orton

Water Clouds and Volatiles on Jupiter Concurrent with Juno

Adam Burgasser, Everett Schlawin, John Gizis, Johanna Teske, Theodora Karalidi

High-precision Spectral Monitoring of L Dwarfs in Visual Binaries

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Jupiter's Deep-Seated Meteorology during NASA's Juno Mission: Assessing Vertical Coupling via Simultaneous Ground- and Space-based Spectroscopy

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Spectral Measurements of Spacecraft Mission Candidates and Potentially Hazardous Asteroids

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Physical Characterization of Small NEOs

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Characterizing Low-mass Stars Hosting Small Planets

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The Chemical Composition of the Innermost Galactic Thin Disk with iShell

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iSHELL observations of two Oort cloud comets

Guy Stringfellow

Spectral and Photometric Monitoring of Active Luminous Blue Variables and Newly Identified Candidates

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

Stellar Occultations by two large TNOs

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High Time Resolution Imaging of Io's Volcanos to Understand their Influence of the Jovian Magnetosphere during the Juno Mission

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Measuring ion winds and temperatures of the Jovian southern aurora: support for the NASA Juno mission

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Cassini support observations: Saturn's aurora, temperature and energy budget

James Sinclair, Glenn Orton, Thomas Greathouse, Leigh Fletcher, Patrick Irwin, Henrik Melin, Rohini Giles

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Constraining the Duty Cycle of the Inner Disk of HD 163296

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The Dynamical State of a Young Stellar Cluster

Andrew Rivkin, Amanda Sickafoose, Cristina Thomas, Petr Pravec

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Doppler Imaging of very low-mass stars

Nathan Roth, Erika Gibb, Neil Dello Russo, Boncho Bonev, Michael DiSanti, Ron Vervack, Hideyo Kawakita

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SpeX observations of the overall gas and dust composition of five comets during the unusually rich 2017A observing semester

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Constantine Tsang, Emmanuel Lellouch, John Spencer

Towards a better understanding of Io's atmosphere at 4 microns

Catherine Olkin, Will Grundy, Leslie Young, Bryan Holler

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Near-infrared Spectroscopy of Outer Main Belt Asteroids

Thierry Fouchet, Tommy Greathouse, Bruno Bezard, Sandrine Guerlet, Glenn Orton

Mapping methyl emission on Jupiter to solve the ethane meridional profile conundrum

Michael Connelley, Bo Reipurth, Christian Flores Gonzalez

Completing the YSO Spectroscopic Survey with iSHELL

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Nuclear Spin Temperature and Cosmic Ray Ionization Rate in the Pipe Nebula

Chip Kobulnicky, Daniel Baldwin, Larry Molnar Calvin College

Infrared Spectroscopy of a Luminous Red Nova Progenitor

Eliot Young, Mark Bullock, Con Tsang, Yeon Joo Lee, Takehiko Satoh, Javier Peralta

SpeX Image Cubes of Venus during the Akatsuki Mission

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Volatile Production in comet C/2015 ER61

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Independent search for Europa's water vapor plumes at IR wavelengths

Silvia Protopapa, Michael Kelley, Bin Yang, Jessica Sunshine, Michael F. A'Hearn

The Physical Properties of Water Ice in Comets

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The Deuteration Ladder of H₃⁺

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Probing the inner disk with young 'dipper' stars

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Probing hydration in the Inner Main Belt: the 3-micron band shape

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The Parent Volatile Composition of Jupiter Family Comet 41P/Tuttle-Giacobini-Kresak

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The Evolution of M Dwarf Magnetic Fields

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Mutual Event Observations of the Kuiper Belt binary [79360] Sila-Nunam

Amanda Zangari, Susan Benecchi, John Spencer, Simon Porter, Anne Versbiscer, J.J.Kavelaars, Marc Buie, Eliot Young, Constantine Tsang

Debris, ring and moon search in support of NASA's New Horizons Mission to 2014 MU69

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A direct high-resolution spectrum of the non-transiting hot Jupiter HD 143105 b: chemical abundance ratios and a search for atmospheric stratification

Carey Lisse, Mike Sitko, Massimo Marengo

IRTF/SpeX Monitoring Of The KIC 8462852 Extreme Lightcurve System

Matthew Hankins, Terry Herter, Mark Morris, John Lacy, Ryan Lau, Rainer Schodel, Joel Sanchez-Bermudez, Jorg-Uwe Pott

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Kris Sellgren, Deokkeun An, Adwin Boogert, Solange Ramirez, Tom Geballe

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Retrieval of trace gaseous abundance at two vertical levels of the Venus atmosphere using ground-based IRTF/SpeX and space-based Akatsuki observations

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

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Ground based support for Hisaki EXCEED and Juno

Diane Wooden, Jessie Dotson, Tyler Nelson

Deriving Taxonomy and Studying the Phase Angle Dependence of 3 Bright PHAs with Close Approaches

Michael Liu, Michael Lines, William Best

Retrieving Physical Parameters for a Volume-Limited Sample of Brown Dwarfs

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

IRTF SpeX Characterization Of Kepler THZ Planetary Systems

Cristina Thomas, Bill Bottke

Determining the H ordinary chondrite source

Adam Burgasser, Daniella Bardalez Gagliuffi, Chris Theissen

LaTE-MoVeRS: New Nearby Very Low-Mass Stars and Brown Dwarfs Verified by Proper Motion from SDSS+2MASS+WISE
