

Timothy J. Rodigas

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EDUCATION

Ph.D., Astronomy
University of Arizona, Dept. of Astronomy, 20 August 2013
Advisor: Phil Hinz
Thesis committee: Phil Hinz, Laird Close, Renu Malhotra, George Reike, Daniel Apai
Dissertation: "High-Contrast Near-Infrared Studies of Planetary Systems and their Circumstellar Environments"

MS, Astronomy
University of Arizona, Dept. of Astronomy, 2010
Advisor: Phil Hinz

BA, Astronomy-Physics, with High Distinction (equivalent to Magna Cum Laude)
University of Virginia, 2008
Advisor: Zhi-Yun Li

RESEARCH INTERESTS

Exoplanets, Circumstellar Disks, High-contrast Imaging, Numerical Modeling, Adaptive Optics & Instrumentation

POSITIONS HELD

Carnegie Postdoctoral Fellow 2013-present
Carnegie Institution of Washington, Department of Terrestrial Magnetism
Working on two main projects: Magellan adaptive optics (MagAO) high-contrast imaging search for water ice and organic materials in extrasolar debris disks (with Alycia Weinberger); and direct imaging characterization of long-period companions suggested by trends in radial velocity data using MagAO (with Paul Butler).

Clio Instrument Scientist 2012-present
Steward Observatory
Duties include: maintaining and upgrading instrument software for Clio, a 1-5 μm high-contrast imaging camera; overseeing Clio observing runs at MMT, including instrument installation, operation, and removal; writing and providing data reduction software pipelines; maintaining and upgrading hardware, including lenses, filters, and electronics; preparing and modifying Clio software/hardware for operation at Magellan-Clay; maintaining and upgrading detector when necessary.

Graduate Research Assistant 2008-2013
Steward Observatory, Advisor: Phil Hinz
Worked on techniques to facilitate direct imaging detections of extrasolar planets and disks with the MMT and LBT.

NSF REU Student at Kitt Peak National Observatory June-August 2007
Advisor: Chuck Claver

Wrote software for an automated wavefront sensing pipeline for the LSST, for use with its planned active optics.

Undergraduate Research Assistant 2006-2008
University of Virginia, Dept. of Astronomy, Advisor: Zhi-Yun Li
Wrote 3D visualization software to help understand magnetohydrodynamics involved in stellar accretion disks.

Undergraduate Research Assistant May-July 2006
University of Virginia, Dept. of Physics, Advisor: Bob Jones
Worked on light polarization instrumentation.

**GRANTS &
FELLOWSHIPS**

Carnegie Postdoctoral Fellowship 2013-2016
Awarded 3-year postdoctoral fellowship to search for water ice and organic materials in debris disks using Magellan adaptive optics (\$200k)

NASA Earth and Space Science Fellowship (NESSF) 2010-2013
Awarded 3-year graduate fellowship for the research proposal entitled, "Follow the Water: Resolving the Ice Line in Extrasolar Debris Disks" (\$90k)

University of Arizona TRIF Imaging Fellowship Jan. 2009-May 2009
Awarded semester fellowship for work on high-contrast imaging using MMT/Clio (\$10k)

**AWARDS &
PRIZES**

Rodger Doxsey Travel Prize (\$1200) 2014 AAS Winter meeting in D.C.
IAUS Travel Grant (\$120) 2013 IAUS conference in Victoria, BC

**TALKS & PRE-
SENTATIONS**

Talks
"Polarized Light Imaging of HD 142527B with the Gemini Planet Imager" July 2014
5th National Capital Area Disks Meeting (NCAD 5), Washington, DC

"Imaging Planets and Disks with an Eye on the Future" May 2014
UVa TUNA Lunch Talk, Charlottesville, VA

Invited: "Imaging Planets and Disks with an Eye on the Future" May 2014
AMNH Astrophysics Colloquium, New York, NY

"Imaging Planets and Disks with an Eye on the Future" May 2014
Harvard/CfA SSP Seminar, Boston, MA

Invited: "Imaging Planets and Disks with an Eye on the Future" January 2014
STScI SPF Seminar, Baltimore, MD

"High-Contrast Near-Infrared Imaging and Modeling of Planets and Disks" January 2014
AAS 223 Winter Meeting, Washington, DC

"High-Contrast LBTAO/MagAO Images of Debris Disks at 2-4 μm " December 2013
Exoplanets and Disks: Their Formation and Diversity II, Kona, HI

Invited: "Recent LBTI/MagAO High-Contrast Imaging Results on Planets and Disks" November 2013

Exoplanet Seminar Series, Goddard Space Flight Center

“High-Contrast LBTAO/MagAO Images of Debris Disks at 2-4 μm ” June 2013
IAUS 299, Victoria, BC

“The Gray Needle: LBT AO Imaging of the HD 15115 Debris Disk” July 2012
National Capital Area Disks Meeting (NCAD), Space Telescope Science Institute (STScI)

Invited: “Seeing in Red: What Imaging at 3-5 μm can tell us about Planets and Disks” March 2011
Exoplanet Seminar Series, Goddard Space Flight Center

Presentations

“LBT AO Imaging of Young Planets and Disks” June 2012
Origins of Stars and their Planetary Systems, McMaster University, Canada

“Spatially Resolving the Ice Line in Debris Disks” October 2011
Signposts of Planets Conference, Goddard Space Flight Center

“Spatially Resolving the Ice Line in Debris Disks” May 2011
Exploring Strange New Worlds, Flagstaff, AZ

“A New Criterion for Exoplanet Imaging Target Selection, and First Results on the 14 Her Planetary System with MMTAO/Clio” October 2010
In the Spirit of Lyot Conference, Paris, France

“Which Radial Velocity Exoplanets Have Undetected Outer Companions?” May 2009
The Search for Life in the Universe, STScI

“A Prototype Automated Wavefront Sensing Pipeline for the LSST” January 2008
American Astronomical Society (AAS), Austin, Texas

OBSERVING & INSTRUMENT EXPERIENCE

Telescopes

Principal Investigator:

Gemini Planet Imager (GPI) Early Science Band 2 Observations for program “The Circumbinary Environment of HD 142527 Revealed by GPI Polarized Differential Imaging” (2.5 hrs)

> 30 nights spent observing at the MMT, LBT, & Magellan combined as PI

Co-Investigator:

> 100 nights spent observing at the LBT, MMT, & Magellan combined as Co-I

10 nights spent observing at the 61” Kuiper Telescope

Instruments

> 50 nights spent operating Clio, the 1-5 μm high-contrast imaging camera formerly at the MMT

> 25 Nights spent operating LMIRcam, the 1-5 μm high-contrast imaging camera attached to the Large Binocular Telescope Interferometer (LBTI)

10 nights spent operating the 2MASS J/H/K camera at the 61” Kuiper Telescope

Adaptive Optics

Use: Utilized for all observations with Clio & LMIRcam

Operation: 10 nights spent operating both the right & left side AO systems at the

LBT

Funded HST Proposals

GO13786 (PI Glenn Schneider): Decoding Debris System Substructures: Imprints of Planets/Planetesimals and Signatures of Extrinsic Influences on Material in Ring-Like Disks

**TEACHING
EXPERIENCE**

Instructor of Record June 2013
University of Arizona, Course: The Physical Universe
Duties included: writing/teaching all lectures; writing, administering, and grading all exams

Graduate Teaching Assistant January-May 2011
University of Arizona, Prof. George Rieke, Introductory Astronomy for non-science majors
Duties included: grading, mentoring/helping students, proctoring exams; taught 5 individual lectures throughout semester.

Undergraduate Teaching Assistant January-May 2007
University of Virginia, Dept. of Astronomy
Administered and graded weekly constellation quizzes, testing students' knowledge of the night sky.

**SERVICE &
MEMBERSHIPS**

American Astronomical Society, Member 2014-present
Carnegie DTM Astronomy Seminar Organizer 2014-present
Reviewer for NASA Earth and Space Science Fellowship (NESSF) 2014
SOC/LOC chair & principal conference organizer for the 2014
5th National Capital Area Disks Meeting (NCAD 5)
Student Space Flight Experiments (SSEP) proposal reviewer December 2013
LOC member, *Search for Life Beyond the Solar System*, Tucson, AZ 2013-2014

OUTREACH

Guest Lecture at Ecoff Elementary School, Chester, VA June 2014
Guest Lecture at the Groton School, Groton, MA May 2014
Public Talk at Sonoran Astronomical Society, Tucson, AZ May 2013
Guest Lecture at ITT Technical Institute, Tucson, AZ May 2013
Guest Lecture (in French) at the International School of Tucson October 2011

OTHER SKILLS

Computer Languages
Matlab, C, Fortran, Bash/Shell, IDL, HTML, LaTeX, Tcl, Tk

Spoken Languages
English & French (proficient)

PUBLICITY

Rodigas & Hinz 2009
New Scientist article: "Exoplanet pairs may be masquerading as singles," July 7, 2009.
Nature research highlight: "Explaining the Eccentricities," September 3, 2009.

Rodigas et al. 2012
Arizona Daily Star article: "Even using just 1 of its 2 eyes, UA telescope redefines 'sharp'", March 16, 2012.

PEER-
REVIEWED
PUBLICATIONS

First-Author (6)

Polarized Light Imaging of the HD 142527 Transition Disk with the Gemini Planet Imager: Dust around the Close-in Companion

Rodigas, T. J., Follette, K., Weinberger, A., Close, L., Hines, D., 2014, *The Astrophysical Journal*, 791, L37.

Does the Debris Disk around HD 32297 Contain Cometary Grains?

Rodigas, T. J., Debes, J. H., Hinz, P. M., Mamajek, E. E., Pecaut, M. J., Currie, T., Bailey, V., Defrere, D., De Rosa, R. J., Hill, J. M., Leisenring, J., Schneider, G., Skemer, A. J., Skrutskie, M., Vaitheeswaran, V., Ward-Duong, K., 2014, *The Astrophysical Journal*, 783, 21.

Predictions for Shepherding Planets in Scattered Light Images of Debris Disks

Rodigas, T. J., Malhotra, R., Hinz, P. M., 2014, *The Astrophysical Journal*, 780, 65.

The Gray Needle: Large Grains in the HD 15115 Debris Disk from LBT/PISCES/Ks and LBTI/LMIRcam/L' Adaptive Optics Imaging

Rodigas, T. J., Hinz, P. M., Leisenring, J., Vaitheeswaran, V., Skemer, A. J., Skrutskie, M., Su, K. Y. L., Bailey, V., Schneider, G., Close, L., Mannucci, F., Esposito, S., Arcidiacono, C., Pinna, E., Argomedo, J., Agapito, G., Apai, D., Bono, G., Boutsia, K., Briguglio, R., Brusa, G., Busoni, L., Cresci, G., Currie, T., Desidera, S., Eisner, J., Falomo, R., Fini, L., Follette, K., Fontana, A., Garnavich, P., Gratton, R., Green, R., Guerra, J. C., Hill, J. M., Hoffmann, W. F., Jones, T. J., Krejny, M., Kulesa, C., Males, J., Masciadri, E., Mesa, D., McCarthy, D., Meyer, M., Miller, D., Nelson, M. J., Puglisi, A., Quiros-Pacheco, F., Riccardi, A., Sani, E., Stefanini, P., Testa, V., Wilson, J., Woodward, C. E., Xompero, M., 2012, *The Astrophysical Journal*, 752, 57.

Direct Imaging Constraints on the Putative Exoplanet 14 Her C

Rodigas, T. J., Males, J. R., Hinz, P. M., Mamajek, E. E., Knox, R. P., 2011, *The Astrophysical Journal*, 732, 10.

Which Radial Velocity Exoplanets Have Undetected Outer Companions?

Rodigas, T. J., Hinz, P. M., 2009, *The Astrophysical Journal*, 702, 716.

Co-Author (21)

An Enigmatic Pointlike Feature within the HD 169142 Transitional Disk

Biller, B. A., Males, J., **Rodigas, T.**, Morzinski, K., Close, L. M., Juhász, A., Follette, K. B., Lacour, S., Benisty, M., Sicilia-Aguilar, A., Hinz, P. M., Weinberger, A., Henning, T., Pott, J.-U., Bonnefoy, M., Köhler, R., 2014, *ApJ Letters*, in press.

The Gemini NICI Planet-Finding Campaign: The Orbit of the Young Exoplanet beta Pictoris b

Nielsen, E. L., Liu, M. C., Wahhaj, Z., Biller, B. A., Hayward, T. L., Males, J. R., Close, L. M., Morzinski, K. M., Skemer, A. J., Kuchner, M. J., **Rodigas, T. J.**, Hinz, P. M., Chun, M., Ftaclas, C., Toomey, D. W., 2014, *ApJ*, in press.

Probing for Exoplanets Hiding in Dusty Debris Disks: Disk Imaging, Characterization, and Exploration with HST/STIS Multi-Roll Coronagraphy

Schneider, G., Grady, C. A., Hines, D. C., Stark, C. C., Debes, J. H., Carson, J., Kuchner, M. J., Perrin, M. D., Weinberger, A. J., Wisniewski, J. P., Silverstone, M. D., Jang-Condell, H., Henning, T., Woodgate, B. E., Serabyn, E., Moro-Martin, A., Tamura, M., Hinz, P. M., **Rodigas, T. J.**, 2014, *AJ*, in press.

Directly Imaged L-T Transition Exoplanets in the Mid-Infrared

Skemer, A. J., Marley, M. S., Hinz, P. M., Morzinski, K. M., Skrutskie, M. F., Leisenring, J. M., Close, L. M., Saumon, D., Bailey, V. P., Briguglio, R., Defrere, D., Esposito, S., Follette, K. B., Hill, J. M., Males, J. R., Puglisi, A., **Rodigas, T. J.**, Xompero, M., 2014, ApJ, in press.

Magellan Adaptive Optics First-light Observations of the Exoplanet β Pic B. I. Direct Imaging in the Far-red Optical with MagAO+VisAO and in the Near-ir with NICI

Males, J. R., Close, L. M., Morzinski, K. M., Wahhaj, Z., Liu, M. C., Skemer, A. J., Kopon, D., Follette, K. B., Puglisi, A., Esposito, S., Riccardi, A., Pinna, E., Xompero, M., Briguglio, R., Biller, B. A., Nielsen, E. L., Hinz, P. M., **Rodigas, T. J.**, Hayward, T. L., Chun, M., Ftaclas, C., Toomey, D. W., Wu, Y.-L., 2014, The Astrophysical Journal, 786, 32.

Discovery of H α Emission from the Close Companion inside the Gap of Transitional Disk HD 142527

Close, L. M., Follette, K. B., Males, J. R., Puglisi, A., Xompero, M., Apai, D., Najita, J., Weinberger, A. J., Morzinski, K., **Rodigas, T. J.**, Hinz, P., Bailey, V., Briguglio, R., 2014, The Astrophysical Journal, 781, L30.

HD 106906 b: A Planetary-mass Companion Outside a Massive Debris Disk

Bailey, V., Meshkat, T., Reiter, M., Morzinski, K., Males, J., Su, K. Y. L., Hinz, P. M., Kenworthy, M., Stark, D., Mamajek, E., Briguglio, R., Close, L. M., Follette, K. B., Puglisi, A., **Rodigas, T.**, Weinberger, A. J., Xompero, M., 2014, The Astrophysical Journal, 780, L4.

Adaptive Optics Imaging of VY Canis Majoris at 2-5 μ m with LBT/LMIRCam

Shenoy, D. P., Jones, T. J., Humphreys, R. M., Marengo, M., Leisenring, J. M., Nelson, M. J., Wilson, J. C., Skrutskie, M. F., Hinz, P. M., Hoffmann, W. F., Bailey, V., Skemer, A., **Rodigas, T.**, Vaitheeswaran, V., 2013, The Astronomical Journal, 146, 90.

The First Circumstellar Disk Imaged in Silhouette at Visible Wavelengths with Adaptive Optics: MagAO Imaging of Orion 218-354

Follette, K. B., Close, L. M., Males, J. R., Kopon, D., Wu, Y.-L., Morzinski, K. M., Hinz, P., **Rodigas, T. J.**, Puglisi, A., Esposito, S., Riccardi, A., Pinna, E., Xompero, M., Briguglio, R., 2013, The Astrophysical Journal, 775, L13.

Diffraction-limited Visible Light Images of Orion Trapezium Cluster with the Magellan Adaptive Secondary Adaptive Optics System (MagAO)

Close, L. M., Males, J. R., Morzinski, K., Kopon, D., Follette, K., **Rodigas, T. J.**, Hinz, P., Wu, Y.-L., Puglisi, A., Esposito, S., Riccardi, A., Pinna, E., Xompero, M., Briguglio, R., Uomoto, A., Hare, T., 2013, The Astrophysical Journal, 774, 94.

High Resolution H α Images of the Binary Low-mass Proplyd LV 1 with the Magellan AO System

Wu, Y.-L., Close, L. M., Males, J. R., Follette, K., Morzinski, K., Kopon, D., **Rodigas, T. J.**, Hinz, P., Puglisi, A., Esposito, S., Pinna, E., Riccardi, A., Xompero, M., Briguglio, R., 2013, The Astrophysical Journal, 774, 45.

A Thermal Infrared Imaging Study of Very Low Mass, Wide-separation Brown Dwarf Companions to Upper Scorpius Stars: Constraining Circumstellar Environments

Bailey, V., Hinz, P. M., Currie, T., Su, K. Y. L., Esposito, S., Hill, J. M., Hoffmann, W. F., Jones, T., Kim, J., Leisenring, J., Meyer, M., Murray-Clay, R., Nelson,

M. J., Pinna, E., Puglisi, A., Rieke, G., **Rodigas, T.**, Skemer, A., Skrutskie, M. F., Vaitheeswaran, V., Wilson, J. C., 2013, *The Astrophysical Journal*, 767, 31.

A Study of the Diverse T Dwarf Population Revealed by WISE

Mace, G. N., Kirkpatrick, J. D., Cushing, M. C., Gelino, C. R., Griffith, R. L., Skrutskie, M. F., Marsh, K. A., Wright, E. L., Eisenhardt, P. R., McLean, I. S., Thompson, M. A., Mix, K., Bailey, V., Beichman, C. A., Bloom, J. S., Burgasser, A. J., Fortney, J. J., Hinz, P. M., Knox, R. P., Lowrance, P. J., Marley, M. S., Morley, C. V., **Rodigas, T. J.**, Saumon, D., Sheppard, S. S., Stock, N. D., 2013, *The Astrophysical Journal Supplement Series*, 205, 6.

Direct Imaging Confirmation and Characterization of a Dust-enshrouded Candidate Exoplanet Orbiting Fomalhaut

Currie, T., Debes, J., **Rodigas, T. J.**, Burrows, A., Itoh, Y., Fukagawa, M., Kenyon, S. J., Kuchner, M., Matsumura, S., 2012, *The Astrophysical Journal*, 760, L32.

Keck/NIRC2 Imaging of the Warped, Asymmetric Debris Disk around HD 32297

Currie, T., **Rodigas, T. J.**, Debes, J., Plavchan, P., Kuchner, M., Jang-Condell, H., Wilner, D., Andrews, S., Kraus, A., Dahm, S., Robitaille, T., 2012, *The Astrophysical Journal*, 757, 28.

First Light LBT AO Images of HR 8799 bcde at 1.6 and 3.3 μm : New Discrepancies between Young Planets and Old Brown Dwarfs

Skemer, A. J., Hinz, P. M., Esposito, S., Burrows, A., Leisenring, J., Skrutskie, M., Desidera, S., Mesa, D., Arcidiacono, C., Mannucci, F., **Rodigas, T. J.**, Close, L., McCarthy, D., Kulesa, C., Agapito, G., Apai, D., Argomedo, J., Bailey, V., Boutsia, K., Briguglio, R., Brusa, G., Busoni, L., Claudi, R., Eisner, J., Fini, L., Follette, K. B., Garnavich, P., Gratton, R., Guerra, J. C., Hill, J. M., Hoffmann, W. F., Jones, T., Krejny, M., Males, J., Masciadri, E., Meyer, M. R., Miller, D. L., Morzinski, K., Nelson, M., Pinna, E., Puglisi, A., Quanz, S. P., Quiros-Pacheco, F., Riccardi, A., Stefanini, P., Vaitheeswaran, V., Wilson, J. C., Xompero, M., 2012, *The Astrophysical Journal*, 753, 14.

High-resolution Images of Orbital Motion in the Orion Trapezium Cluster with the LBT AO System

Close, L. M., Puglisi, A., Males, J. R., Arcidiacono, C., Skemer, A., Guerra, J. C., Busoni, L., Brusa, G., Pinna, E., Miller, D. L., Riccardi, A., McCarthy, D. W., Xompero, M., Kulesa, C., Quiros-Pacheco, F., Argomedo, J., Brynnel, J., Esposito, S., Mannucci, F., Boutsia, K., Fini, L., Thompson, D. J., Hill, J. M., Woodward, C. E., Briguglio, R., **Rodigas, T. J.**, Briguglio, R., Stefanini, P., Agapito, G., Hinz, P., Follette, K., Green, R., 2012, *The Astrophysical Journal*, 749, 180.

The First Hundred Brown Dwarfs Discovered by the Wide-field Infrared Survey Explorer (WISE)

Kirkpatrick, J. D., Cushing, M. C., Gelino, C. R., Griffith, R. L., Skrutskie, M. F., Marsh, K. A., Wright, E. L., Mainzer, A., Eisenhardt, P. R., McLean, I. S., Thompson, M. A., Bauer, J. M., Benford, D. J., Bridge, C. R., Lake, S. E., Petty, S. M., Stanford, S. A., Tsai, C.-W., Bailey, V., Beichman, C. A., Bloom, J. S., Bochanski, J. J., Burgasser, A. J., Capak, P. L., Cruz, K. L., Hinz, P. M., Kartaltepe, J. S., Knox, R. P., Manohar, S., Masters, D., Morales-Calderón, M., Prato, L. A., **Rodigas, T. J.**, Salvato, M., Schurr, S. D., Scoville, N. Z., Simcoe, R. A., Stapelfeldt, K. R., Stern, D., Stock, N. D., Vacca, W. D., 2011, *The Astrophysical Journal Supplement Series*, 197, 19.

A Combined Subaru/VLT/MMT 1-5 μm Study of Planets Orbiting HR 8799: Implications for Atmospheric Properties, Masses, and Formation

Currie, T., Burrows, A., Itoh, Y., Matsumura, S., Fukagawa, M., Apai, D., Madhusudhan, N., Hinz, P. M., **Rodigas, T. J.**, Kasper, M., Pyo, T.-S., Ogino, S., 2011, *The Astrophysical Journal*, 729, 128.

High-contrast 3.8 μm Imaging of the Brown Dwarf/Planet-mass Companion to GJ 758

Currie, T., Bailey, V., Fabrycky, D., Murray-Clay, R., **Rodigas, T.**, Hinz, P., 2010, *The Astrophysical Journal*, 721, L177.

Thermal Infrared MMTAO Observations of the HR 8799 Planetary System

Hinz, P. M., **Rodigas, T. J.**, Kenworthy, M. A., Sivanandam, S., Heinze, A. N., Mamajek, E. E., Meyer, M. R., 2010, *The Astrophysical Journal*, 716, 417.

OTHER PUBLICATIONS

Direct imaging of exoplanets in the habitable zone with adaptive optics

Males, J. R., Close, L. M., Guyon, O., Morzinski, K. M., Puglisi, A., Hinz, P., Follette, K. B., Monnier, J. D., Tolls, V., **Rodigas, T. J.**, Weinberger, A., Boss, A., Kopon, D., Wu, Y.-L., Esposito, S., Riccardi, A., Xompero, M., Briguglio, R., Pinna, E., 2014, ArXiv e-prints, arXiv:1407.5099.

MagAO: Status and on-sky performance of the Magellan adaptive optics system

Morzinski, K. M., Close, L. M., Males, J. R., Kopon, D., Hinz, P. M., Esposito, S., Riccardi, A., Puglisi, A., Pinna, E., Briguglio, R., Xompero, M., Quiros-Pacheco, F., Bailey, V., Follette, K. B., **Rodigas, T. J.**, Wu, Y.-L., Arcidiacono, C., Argomedo, J., Busoni, L., Hare, T., Uomoto, A., Weinberger, A., 2014, ArXiv e-prints, arXiv:1407.5098.

Searching for Faint Exozodiacal Disks: Keck Results and LBTI Status

Defrère, D., Hinz, P., Mennesson, B., Millan-Gabet, R., Skemer, A., Bailey, V., **Rodigas, T. J.**, 2014, *IAU Symposium*, 299, 332.

Direct imaging of Beta Pictoris b with first-light Magellan Adaptive Optics

Morzinski, K. M., Close, L. M., Males, J. R., Hinz, P. M., Puglisi, A., Esposito, S., Riccardi, A., Pinna, E., Xompero, M., Briguglio, R., Follette, K., Kopon, D., Gasho, V., Uomoto, A., Hare, T., Skemer, A., Arcidiacono, C., Quiros-Pacheco, F., Argomedo, J., Busoni, L., **Rodigas, T. J.**, Wu, Y.-L., 2014, *IAU Symposium*, 299, 252.

Visible Light Adaptive Optics Imaging of the Orion 218-354 Silhouette Disk

Follette, K. B., Close, L. M., Males, J. R., Kopon, D., Wu, Y.-L., Morzinski, K. M., Hinz, P., **Rodigas, T. J.**, Puglisi, A., Esposito, S., Riccardi, A., Pinna, E., Xompero, M., Briguglio, R., 2014, *IAU Symposium*, 299, 159.

High Contrast Imaging of an Exoplanet with the Magellan VisAO Camera

Males, J. R., Close, L. M., Morzinski, K. M., Kopon, D., Puglisi, A., Gasho, V., Follette, K., Esposito, S., Riccardi, A., Pinna, E., Xompero, M., Briguglio, R., Arcidiacono, C., Hinz, P. M., Uomoto, A., Hare, T., Quiros-Pacheco, F., Argomedo, J., Busoni, L., **Rodigas, T. J.**, Wu, Y.-L., 2014, *IAU Symposium*, 299, 46.

Visible AO Observations at H α for Accreting Young Planets

Close, L. M., Follette, K., Males, J. R., Morzinski, K., **Rodigas, T. J.**, Hinz, P., Wu, Y.-L., Apai, D., Najita, J., Puglisi, A., Esposito, S., Riccardi, A., Bailey, V., Xompero, M., Briguglio, R., Weinberger, A., 2014, *IAU Symposium*, 299, 32.

The Large Binocular Telescope Interferometer & Adaptive Optics System: On-sky Performance and Results

Bailey, V., Hinz, P., Vaitheeswaran, V., Skemer, A., Defrère, D., **Rodigas, T.**, Esposito, S., Pinna, E., Puglisi, A., 2014, IAU Symposium, 299, 26.

Into the Blue: AO Science in the Visible with MagAO

Close, L., Males, J., Morzinski, K., Kopon, D., Follette, K., **Rodigas, T.**, Hinz, P., Wu, Y.-L., Puglisi, A., Esposito, S., Riccardi, A., Pinna, E., Xompero, M., Briguglio, R., Uomoto, A., Hare, T., 2013, Proceedings of the Third AO4ELT Conference.

High-Contrast Exoplanet Imaging with CLIO2, the Magellan Adaptive Optics Infrared Camera

Morzinski, K., Close, L., Males, J., Hinz, P., Puglisi, A., Esposito, S., Riccardi, A., Pinna, E., Xompero, M., Briguglio, R., Follette, K., Kopon, D., Skemer, A., Gasho, V., Uomoto, A., Hare, T., Arcidiacono, C., Quiros-Pacheco, F., Argomedo, J., Busoni, L., **Rodigas, T.**, Wu, Y.-L., 2013, Proceedings of the Third AO4ELT Conference.

High Contrast Imaging with the Magellan VisAO Camera

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On-sky operations and performance of LMIRcam at the Large Binocular Telescope

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