

## Appendix II. Publications

### *Gemini Staff Publications*

#### Papers in Peer-Reviewed Journals:

Bauer, Amanda[4]. *A young, dusty, compact radio source within a Ly $\alpha$  halo*. **Monthly Notices of the Royal Astronomical Society**, 389:792-798. September, 2008.

Trancho, G.[4]. *The early expansion of cluster cores*. **Monthly Notices of the Royal Astronomical Society**, 389:223-230. September, 2008.

Stephens, A. W.[11]. *Massive stars exploding in a He-rich circumstellar medium - III. SN 2006jc: infrared echoes from new and old dust in the progenitor CSM*. **Monthly Notices of the Royal Astronomical Society**, 389:141-155. September, 2008.

Serio, Andrew W.[1]. *The variation of Io's auroral footprint brightness with the location of Io in the plasma torus*. **Icarus**, 197:368-374. September, 2008.

Radomski, James T.[5]. *Understanding the 8  $\mu$ m versus Pa $\alpha$  Relationship on Subarcsecond Scales in Luminous Infrared Galaxies*. **The Astrophysical Journal**, 685:211-224. September, 2008.

Volk, K.[47]. *Spitzer Survey of the Large Magellanic Cloud, Surveying the Agents of a Galaxy's Evolution (sage). IV. Dust Properties in the Interstellar Medium*. **The Astronomical Journal**, 136:919-945. September, 2008.

Díaz, R. J.[3]. *Discovery of a [WO] central star in the planetary nebula Th 2-A*. **Astronomy and Astrophysics**, 488:245-247. September, 2008.

Schiavon, Ricardo P.[2]. *Measuring Ages and Elemental Abundances from Unresolved Stellar Populations: Fe, Mg, C, N, and Ca*. **The Astrophysical Journal Supplement Series**, 177:446-464. August, 2008.

Song, Inseok[3]. *Gas and Dust Associated with the Strange, Isolated Star BP Piscium*. **The Astrophysical Journal**, 683:1085-1103. August, 2008.

Roth, Katherine C.[22]. *A Comprehensive Study of GRB 070125, A Most Energetic Gamma-Ray Burst*. **The Astrophysical Journal**, 683:924-942. August, 2008.

Dall, Thomas H.[5]. *The Amplitude of Solar Oscillations Using Stellar Techniques*. **The Astrophysical Journal**, 682:1370-1375. August, 2008.

- Leggett, S. K.[1]. *HN Peg B: A Test of Models of the L to T Dwarf Transition*. **The Astrophysical Journal**, 682:1256-1263. August, 2008.
- Garcia, Jorge[6]. *The Second-Generation Guide Star Catalog: Description and Properties*. **The Astronomical Journal**, 136:735-766. August, 2008.
- Artigau, É.[4]. *CLOUDS search for variability in brown dwarf atmospheres. Infrared spectroscopic time series of L/T transition brown dwarfs*. **Astronomy and Astrophysics**, 487:277-292. August, 2008.
- Kleinman, S. J.[47]. *A Measurement of the Rate of Type Ia Supernovae at Redshift  $z \sim 0.1$  from the First Season of the SDSS-II Supernova Survey*. **The Astrophysical Journal**, 682:262-282. July, 2008.
- Bergmann, M.[9]. *Scattered-Light Echoes from the Historical Galactic Supernovae Cassiopeia A and Tycho (SN 1572)*. **The Astrophysical Journal**, 681:L81-L84. July, 2008.
- Farihi, J.[1]. *Spitzer IRAC Observations of White Dwarfs. II. Massive Planetary and Cold Brown Dwarf Companions to Young and Old Degenerates*. **The Astrophysical Journal**, 681:1470-1483. July, 2008.
- Radomski, James T.[1]; Mason, Rachel[7]; De Buizer, James M.[8]. *Gemini Imaging of Mid-Infrared Emission from the Nuclear Region of Centaurus A*. **The Astrophysical Journal**, 681:141-150. July, 2008.
- Farihi, J.[2]; Nitta, Atsuko[3]; Leggett, S. K.[4]. *Near-Infrared Constraints on the Presence of Warm Dust at Metal-Rich Helium Atmosphere White Dwarfs*. **The Astronomical Journal**, 136:111-117. July, 2008.
- Leggett, S. K.[5]. *A Nearby Old Halo White Dwarf Candidate from the Sloan Digital Sky Survey*. **The Astronomical Journal**, 136:76-82. July, 2008.
- Volk, K.[28]. *Spitzer Sage Survey of the Large Magellanic Cloud. III. Star Formation and ~1000 New Candidate Young Stellar Objects*. **The Astronomical Journal**, 136:18-43. July, 2008.
- Nitta, A.[9]. *Whole Earth Telescope observations of the hot helium atmosphere pulsating white dwarf EC20058-5234*. **Monthly Notices of the Royal Astronomical Society**, 387:137-152. June, 2008.
- Miller, Bryan W.[25]. *The Hubble Space Telescope Advanced Camera for Surveys Coma Cluster Survey. I. Survey Objectives and Design*. **The Astrophysical Journal Supplement Series**, 176:424-437. June, 2008.
- Bergmann, M.[4]. *Spectral Identification of an Ancient Supernova Using Light Echoes in the Large Magellanic Cloud*. **The Astrophysical Journal**, 680:1137-1148. June, 2008.

- DeBuizer, J. M.[5]. *Star Formation in the Southern Dark Cloud DC 296.2-3.6*. **The Astronomical Journal**, 135:2279-2286. June, 2008.
- Artigau, E.[8]. *Finding ultracool brown dwarfs with MegaCam on CFHT: method and first results*. **Astronomy and Astrophysics**, 484:469-478. June, 2008.
- Geballe, Thomas R.[3]. *No Evidence of Morning or Large-Scale Drizzle on Titan*. **The Astrophysical Journal**, 679:L53-L56. May, 2008.
- Hayward, T. L.[7]. *A First Estimate of the X-Ray Binary Frequency as a Function of Star Cluster Mass in a Single Galactic System*. **The Astrophysical Journal**, 678:798-803. May, 2008.
- Kleinman, S.[94]. *First-Year Spectroscopy for the Sloan Digital Sky Survey-II Supernova Survey*. **The Astronomical Journal**, 135:1766-1784. May, 2008.
- Artigau, E.[4]. *CFBDS J005910.90-011401.3: reaching the T-Y brown dwarf transition?*. **Astronomy and Astrophysics**, 482:961-971. May, 2008.
- Díaz, Rubén J.[2]. *The Spatial Orientation of Planetary Nebulae within the Milky Way*. **The Publications of the Astronomical Society of the Pacific**, 120:380-392. April, 2008.
- Winge, Cláudia[3]; Beck, Tracy[5]. *Mapping of molecular gas inflow towards the Seyfert nucleus of NGC4051 using Gemini NIFS*. **Monthly Notices of the Royal Astronomical Society**, 385:1129-1142. April, 2008.
- Kleinman, S.[97]. *The Sixth Data Release of the Sloan Digital Sky Survey*. **The Astrophysical Journal Supplement Series**, 175:297-313. April, 2008.
- Roth, Kathy C.[18]. *GRB 070125: The First Long-Duration Gamma-Ray Burst in a Halo Environment*. **The Astrophysical Journal**, 677:441-447. April, 2008.
- Beck, Tracy L.[2]. *Probing the Central Regions of Nearby Compact Elliptical Galaxies*. **The Astrophysical Journal**, 677:238-248. April, 2008.
- De Buizer, James M.[7]. *Infrared and X-Ray Evidence for Circumstellar Grain Destruction by the Blast Wave of Supernova 1987A*. **The Astrophysical Journal**, 676:1029-1039. April, 2008.
- Bergmann, Marcel[3]. *Gemini and Hubble Space Telescope Evidence for an Intermediate-Mass Black Hole in  $\omega$  Centauri*. **The Astrophysical Journal**, 676:1008-1015. April, 2008.
- Stephens, Andrew W.[7]. *The Globular Cluster M15. I. Identification, Discovery, and Period Determination of Variable Stars*. **The Astronomical Journal**, 135:1459-1473. April, 2008.

Beck, Tracy L.[1]. *Spatially Resolved Molecular Hydrogen Emission in the Inner 200 AU Environments of Classical T Tauri Stars*. **The Astrophysical Journal**, 676:472-489. March, 2008.

Hirst, P.[15]. *The WFCAM Science Archive*. **Monthly Notices of the Royal Astronomical Society**, 384:637-662. February, 2008.

Nitta, Atsuko[18]. *An Improved Photometric Calibration of the Sloan Digital Sky Survey Imaging Data*. **The Astrophysical Journal**, 674:1217-1233. February, 2008.

Trancho, G.[4]. *Gemini Spectroscopy and HST Imaging of the Stellar Cluster Population in Region B of M82*. **The Astrophysical Journal**, 674:846-856. February, 2008.

Farihi, J.[1]. *Spitzer IRAC Observations of White Dwarfs. I. Warm Dust at Metal-Rich Degenerates*. **The Astrophysical Journal**, 674:431-446. February, 2008.

Farihi, J.[1]. *A Near-Infrared Spectroscopic Study of the Accreting Magnetic White Dwarf SDSS J121209.31+013627.7 and Its Substellar Companion*. **The Astrophysical Journal**, 674:421-430. February, 2008.

Geballe, T. R.[5]. *Three-Dimensional Observations of H<sub>2</sub> Emission around Sgr A East. I. Structure in the Central 10 pc of Our Galaxy*. **The Astrophysical Journal**, 674:247-257. February, 2008.

De Buizer, J. M.[9]. *Mid-Infrared Photometry and Spectra of Three High-Mass Protostellar Candidates at IRAS 18151-1208 and IRAS 20343+4129*. **The Astrophysical Journal**, 673:954-967. February, 2008.

Stephens, Andrew W.[7]. *The Birth Place of the Type Ic Supernova 2007gr*. **The Astrophysical Journal**, 672:L99-L102. January, 2008.

Hayward, Thomas L.[5]. *The Neon Abundance in the Ejecta of QU Vulpeculae from Late-Epoch Infrared Spectra*. **The Astrophysical Journal**, 672:1167-1173. January, 2008.

Beck, Tracy L.[2]. *V1647 Orionis: One Year Into Quiescence*. **The Astronomical Journal**, 135:423-440. January, 2008.

Kleinman, S.[73]. *The Sloan Digital Sky Survey-II Supernova Survey: Search Algorithm and Follow-Up Observations*. **The Astronomical Journal**, 135:348-373. January, 2008.

Kleinman, S.[82]. *The Sloan Digital Sky Survey-II Supernova Survey: Technical Summary*. **The Astronomical Journal**, 135:338-347. January, 2008.

Nitta, Atsuko[5]. *White Dwarf Luminosity and Mass Functions from Sloan Digital Sky Survey Spectra*. **The Astronomical Journal**, 135:1-9. January, 2008.

- Nitta, A.[11]; Janulis, R.[26]. *The pulsation modes of the pre-white dwarf PG 1159-035*. **Astronomy and Astrophysics**, 477:627-640. January, 2008.
- Geballe, T. R.[10]. *Silicate Dust in the Environment of RS Ophiuchi following the 2006 Eruption*. **The Astrophysical Journal**, 671:L157-L160. December, 2007.
- Geballe, Thomas R.[2].  *$H^+$  in Diffuse Interstellar Clouds: A Tracer for the Cosmic-Ray Ionization Rate*. **The Astrophysical Journal**, 671:1736-1747. December, 2007.
- Rhee, Joseph H.[1]; Song, Inseok[2]. *EF Chamaeleontis: Warm Dust Orbiting a Nearby 10 Myr Old Star*. **The Astrophysical Journal**, 671:616-621. December, 2007.
- Carrasco, Eleazar R.[2]. *The Compact Group-Fossil Group Connection: Observations of a Massive Compact Group at  $z=0.22$* . **The Astrophysical Journal**, 670:L93-L96. December, 2007.
- Rigaut, François[7]. *The Gemini Deep Planet Survey*. **The Astrophysical Journal**, 670:1367-1390. December, 2007.
- Volk, Kevin[1]. *Possible Precession Motion in the Bipolar Proto-Planetary Nebula IRAS 17441-2411*. **The Astrophysical Journal**, 670:1137-1141. December, 2007.
- Miller, Bryan W.[1]. *The Globular Cluster Luminosity Function and Specific Frequency in Dwarf Elliptical Galaxies*. **The Astrophysical Journal**, 670:1074-1089. December, 2007.
- West, Michael J. [15]. *The XMM Cluster Survey: The Dynamical State of XMMXCS J2215.9-1738 at  $z = 1.457$* . **The Astrophysical Journal**, 670:1000-1009. December, 2007.
- Leggett, S. K.[3]; Hirst, P.[17]. *A very cool brown dwarf in UKIDSS DR1*. **Monthly Notices of the Royal Astronomical Society**, 381:1400-1412. November, 2007.
- Beck, Tracy L.[2]. *A Micro-Molecular Bipolar Outflow from HL Tauri*. **The Astrophysical Journal**, 670:L33-L36. November, 2007.
- Carrasco, Eleazar Rodrigo[10]. *Millimagnitude Photometry for Transiting Extrasolar Planetary Candidates. IV. Solution to the Puzzle of the Extremely Red OGLE-TR-82 Primary*. **The Astrophysical Journal**, 669:1345-1353. November, 2007.
- Jørgensen, Inger[13]; Roth, Kathy[14]. *The Gemini Deep Deep Survey. VIII. When Did Early-Type Galaxies Form?*. **The Astrophysical Journal**, 669:184-201. November, 2007.
- Jensen, Joseph B.[13]. *Tracing Polycyclic Aromatic Hydrocarbons and Warm Dust Emission in the Seyfert Galaxy NGC 1068*. **The Astronomical Journal**, 134:2086-2097. November, 2007.
- West, M. J.[4]. *The star pile in Abell 545*. **Astronomy and Astrophysics**, 475:507-512. November, 2007.

Fisher, R. Scott[4]; Trujillo, Chad A.[5]. *Gemini-N mid-IR observations of the dust properties of the ejecta excavated from Comet 9P/Tempel 1 during Deep Impact*. **Icarus**, 190:432-453. October, 2007.

Kleinman, S. [99]. *The Fifth Data Release of the Sloan Digital Sky Survey*. **The Astrophysical Journal Supplement Series**, 172:634-644. October, 2007.

Beck, Tracy[4]. *Gemini observations of disks and jets in young stellar objects and in active galaxies*. **Astrophysics and Space Science**, 311:223-230. October, 2007.

Stephens, A. W.[3]. *A deep near-infrared view of the Galactic globular cluster 2 MASS GC 02*. **Astronomy and Astrophysics**, 474:121-127. October, 2007.

### **Papers in Non-Refereed Publications:**

Geballe, T.[3]. *The 3-Micron Continuum Features in High-resolution Spectra of Jupiter*. **American Astronomical Society**, DPS meeting #40, #42.05. September, 2008.

Geballe, T. R.[5]. *Limb Darkening/brightening Characteristics of the Near- and Far-IR Spectra of Stratospheric Haze on Titan*. **American Astronomical Society**, DPS meeting #40, #31.09. September, 2008.

Hartung, M.[11]. *Progress on Analysis of Ground-based Observations of the Ring Plane Crossings of Uranus*. **American Astronomical Society**, DPS meeting #40, #24.08. September, 2008.

Hartung, M.[3]. *Daily Evolution of Mid-Latitude Clouds on Titan*. **American Astronomical Society**, DPS meeting #40, #23.01. September, 2008.

Laycock, S.[4]. *100y Search for Eruptive Variables in DASCH Scans Near M44*. **American Astronomical Society**, AAS Meeting #212, #12.08. September, 2008.

Laycock, S.; Dosaj, A. Hoenig, M. *Close Double-Stars Discovered among Photometric Standards with Gemini Altair Adaptive Optics System: FS108 and GSPC P309-U*. **The Astronomer's Telegram**, #1729. September, 2008.

Trujillo, C. A.[2]. *The Paucity of Small Neptune Trojans*. **American Astronomical Society**, DPS meeting #40, #38.06. September, 2008.

Trujillo, C. A.[3]. *Orbits and Masses of the 2003 EL61 Satellite System*. **American Astronomical Society**, DPS meeting #40, #36.07. September, 2008.

Laycock, S.[4]. *The Brightest Serendipitous X-ray Sources in ChaMPlane*. **ASP Conference Series**, 393:247. August 2008.

- Geballe, T.[1]. *<sup>18</sup>O and the Origins of HdC and R CrB Stars*. **Hydrogen-Deficient Stars ASP Conference Series**, 391:51. July 2008.
- Harvey, J.[1]. *Careers and interactive technologies at Gemini Observatory*. **Communicating Astronomy with the Public 2007: Proceedings from the IAU/National Observatory of Athens/ESA/ESO Conference**, p.448. June, 2008.
- Pu'uohau-Pummill, K.[1]. *Using still photography to make fulldome time-lapse movies*. **Communicating Astronomy with the Public 2007: Proceedings from the IAU/National Observatory of Athens/ESA/ESO Conference**, p.90. June, 2008.
- Harvey, J.[1]. *IYA2009 newspaper insert in your community*. **Communicating Astronomy with the Public 2007: Proceedings from the IAU/National Observatory of Athens/ESA/ESO Conference**, p.38. June, 2008.
- Harvey, Janice[1]; Michaud, P.[2]. *IYA Tabloid in Your Community*. **American Astronomical Society**, AAS Meeting #212, #47.01; **Bulletin of the American Astronomical Society**, 40:244. May, 2008.
- Volk, K.[5]. *The Formation of PAHs: A Case Study on Carbon-rich AGB Stars*. **American Astronomical Society**, 212:196-. May, 2008.
- Winge, C.[1]. *The Gemini library of late spectral templates for stellar kinematics analysis in the CO 2.3mmu region*. **Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias)** 32:177-177. April, 2008.
- Mason, R. E.[1]. *Gemini Mid-IR Polarimetry of NGC 1068*. **Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias)**, 32:137-137. April, 2008.
- Leggett, S.[1]; Geballe, T.[3]. *Properties of the Coolest Dwarfs*. 14th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun **ASP Conference Series**, 384:98. April 2008.
- Laycock, S.[6]. *ChaMPlane Optical Survey and its Legacy Database*. **American Astronomical Society**, HEAD meeting #10, #10.01. March, 2008.
- Volk, Kevin[2]; Geballe, T. R.[3]. *Aromatic, aliphatic, and the unidentified 21 micron emission features in proto-planetary nebulae*. **Organic Matter in Space, IAU Symposium**, 251:213-214. February, 2008.
- Volk, Kevin[5]. *Unidentified infrared bands and the formation of PAHs around carbon stars*. **Organic Matter in Space, IAU Symposium**, 251:195-196. February, 2008.
- Laycock, S.[2]. *Search for Dwarf Novae in DASCH Scans Near M44*. **AIP Conference Proceedings**, 968:259-262. January 2008.

Schiavon, R. P. [6]. *Ruminations on horizontal branch blue tails ..* **Memorie della Societa Astronomica Italiana**, 79:383. 2008.

Geballe, Thomas[7]. *Mid-IR Spitzer and Akari spectroscopy and spatially resolved ground-based imaging and spectroscopy of Neptune.* **37th COSPAR Scientific Assembly**. Held 13-20 July 2008, in Montreal, Canada, p2305. 2008.

Miller, Bryan W.[1]. *GMOS Spectroscopy of Globular Clusters in Dwarf Elliptical Galaxies.* **Dynamical Evolution of Dense Stellar Systems, IAU Symposium**, 246:429-430. 2008.

Miller, Bryan W.[1]. *Kinematics of the dwarf elliptical galaxy IC 225.* **Formation and Evolution of Galaxy Bulges, IAU Symposium**, 245:311-312. 2008.

Diaz, R. J.[2]. *The secular evolution of M83 central bulge.* **Formation and Evolution of Galaxy Bulges, IAU Symposium**, 245:297-300. 2008.

Hayward, T.[6]; De Buizer, J.[7]. *Observations of Jupiter Supporting the New Horizons Encounter and During a Period of "Global Upheaval".* **American Geophysical Union**, 53:03-2503. December, 2007.

Geballe, Thomas R.[1]. *Abundant  $H_3^+$  and High Values of  $\zeta$ : Common Properties of Diffuse Clouds.* **Bulletin of the American Astronomical Society**, 39:985. December, 2007.

Nitta, Atsuko[1]; Kleinman, S.[2]. *New DBVs from SDSS.* **Bulletin of the American Astronomical Society**, 39:966. December, 2007.

Schiavon, R.[18]. *SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way Galaxy, and Extra-Solar Planetary Systems.* **Bulletin of the American Astronomical Society**, 39:963. December, 2007.

Schiavon, R. P.[3]. *The Apache Point Observatory Galactic Evolution Experiment (APOGEE).* **Bulletin of the American Astronomical Society**, 39:962. December, 2007.

Laycock, S. [6]. *ChaMPlane Source Optical Identification and Classification.* **Bulletin of the American Astronomical Society**, 39:962. December, 2007.

Bergmann, M.[3]. *Light Echoes from the Historical Galactic Supernovae Cas A and Tycho.* **Bulletin of the American Astronomical Society**, 39:935. December, 2007.

Michaud, Peter[1]. *Coordinating US IYA Activities with Observatories, Astronomical Visitor Centers and Planetaria around the World.* **Bulletin of the American Astronomical Society**, 39:934. December, 2007.

Artigau, É.[2]. *Discovery of Cool Companions to Nearby Stars.* **Bulletin of the American Astronomical Society**, 39:919. December, 2007.



Geballe, T. R.[2]. *On the Use of the [Zn IV] 3.625 Micron Line as a Tracer of Iron-group Abundances in Ionized Nebulae*. **Bulletin of the American Astronomical Society**, 39:913. December, 2007.

Miller, B. W.[2]. *Ages and Metallicities of the Nuclei and Field Stars of Dwarf Elliptical Galaxies*. **Bulletin of the American Astronomical Society**, 39:897. December, 2007.

Rodgers, B.[3]. *Determining the True Binarity of Herbig Ae/Be Objects*. **Bulletin of the American Astronomical Society**, 39:851. December, 2007.

Schiavon, Ricardo P.[1]. *Chemical Abundances and Ages of Hundreds of M31 Globular Clusters*. **Bulletin of the American Astronomical Society**, 39:838. December, 2007.

Wong, Andre[1]; Roth, K.[2]. *Detection Of DLA Candidate Galaxies Towards PKS 1756+237 And Q 0551-366 At  $z=1.67, 1.96$* . **Bulletin of the American Astronomical Society**, 39:825. December, 2007.

Kleinman, Scot[1]; Nitta, A.[4]. *Atmospheric Model Fits to SDSS White Dwarf Stars*. **Bulletin of the American Astronomical Society**, 39:765. December, 2007.

Kleinman, S.[6]. *Finding the Friends: Radio and Optical Searches For Companions To Low-Mass White Dwarfs*. **Bulletin of the American Astronomical Society**, 39:764. December, 2007.

Trujillo, Chadwick A.[1]; Rigaut, F.[2]; Gratadour, D.[3]; Hartung, M.[4]. *Science Using the Gemini North Laser Adaptive Optics System*. **Bulletin of the American Astronomical Society**, 39:748. December, 2007.

Trujillo, C.P.[4]. *Effect of Pulse Duration on Polytetrafluoroethylene Shocked above the Crystalline Phase II-III Transition*. **AIP Conference Proceedings**, 955:147-150. December 2007.

Laycock, S.[4]. *The Brightest Serendipitous X-ray Sources in the ChaMPPlane Survey*. **Bulletin of the American Astronomical Society**, 39:725. December, 2007.

Geballe, T. R.[4]. *High-resolution 3-micron Spectral Features of Titan Identified with Updated  $CH_3D$  and  $C_2H_6$  Line Lists*. **Bulletin of the American Astronomical Society**, 39:530. October, 2007.

Geballe, T. R.[4]. *Infrared Imaging of Neptune with Gemini/Michelle and Keck/NIRC2*. **Bulletin of the American Astronomical Society**, 39:527. October, 2007.

Trujillo, Chadwick A.[1]. *The Surface of Sedna in the Near-infrared*. **Bulletin of the American Astronomical Society**, 39:510. October, 2007.

Geballe, T.[6]. *Detection of Warm Molecular Clouds toward the Obscured AGN IRAS 08572+3915*. The Central Engine of Active Galactic Nuclei, **ASP Conference Series**, 373:505. October 2007.

Trujillo, C. A.[3]. *Titan's Mid-latitude Clouds*. **Bulletin of the American Astronomical Society**, 39:506. October, 2007.

Geballe, T. R.[4]. *High-Resolution Spectroscopy of Jupiter near 3 Microns*. **Bulletin of the Bulletin of the American Astronomical Society**, 39:446. October, 2007.

Hayward, T.[7]; DeBuizer, J.[8]. *Observations of Jupiter Supporting the New Horizons Encounter and During a Period of "Global Upheaval"*. **Bulletin of the American Astronomical Society**, 39:407. October, 2007.

### **Papers in SPIE Proceedings:**

Artigau, Etienne [2], Markus Hartung [4], and Thomas Hayward [10]. *Observing strategies for the NICI campaign to directly image extrasolar planets* . Proc. SPIE 7015, 70156Q, 2008.

Artigau, Etienne [4], Tom Hayward[5], Markus Hartung[8], Francois Rigaut [9]. *Performance of the near-infrared coronagraphic imager on Gemini-South* . Proc. SPIE 7015, 70151V, 2008.

Artigau, Etienne; Markus Hartung [4], Thomas L. Hayward [5], Gelys Trancho [9], Francois Rigaut [10]. *NICI: combining coronagraphy, ADI, and SDI* . Proc. SPIE 7014, 70141Z, 2008.

Bec, Matthieu; Francois J. Rigaut, Gelys Trancho, Maxime Boccas, Fabian Collao, Felipe Daruich, Celine d'Orgeville, Manuel Lazo, Diego Maltes, Gabriel Perez, Vicente Vergara, Tomislav Vucina, and Michael P. Sheehan. *Gemini all-sky camera for laser guide star operation* . Proc. SPIE 7019, 70192C, 2008.

Gelys Trancho, and Tomislav Vucina. *The Gemini MCAO bench: system overview and lab integration* . Proc. SPIE 7015, 701568, 2008.

Carter, Christopher J. and Mathew J. Rippa. *Applications of high-rate data logging to telescope system development and operations* . Proc. SPIE 7019, 70190G, 2008.

Carter, Christopher; J. Mathew J. Rippa, Roberto Rojas, and Michael P. Sheehan. *The Gemini secondary mirror tip/tilt system: past, present, and future* . Proc. SPIE 7019, 701921, 2008.

Cavedoni, Charles P.; S. Bombino, M. Sheehan, S. Karewicz, S. Hardash, G. Perez, P. Collins, C. d'Orgeville, M. Boccas, D. Maltes, G. Gausachs, and R. Rogers. *The Gemini MCAO infrastructure: laser service enclosure and support structure* . Proc. SPIE 7012, 70122Y, 2008.

Crabtree, Dennis R.. *Scientific productivity and impact of large telescopes*. Proc. SPIE 7016, 70161A, 2008.

d'Orgeville, Celine; Felipe Daruich, Gustavo Arriagada, Matthieu Bec, Maxime Boccas, Stacy Bombino, Chris Carter, Chas Cavedoni, Fabian Collao, Paul Collins, Eric James, Stan Karewicz, Manuel Lazo, Diego Maltes, Ron Mouser, Gabriel Perez, Francois Rigaut, Roberto Rojas, Mike Sheehan, Gelys Trancho, Vicente Vergara, and Tomislav Vucina. *The Gemini South MCAO laser guide star facility: getting ready for first light* . Proc. SPIE 7015, 70152P, 2008.

Gillies, Kim [1], Arturo Nunez [2]. *A new approach for instrument software at Gemini* . Proc. SPIE 7019, 70190Z, 2008.

Hainaut, Marie-Claire and Dolores Coulson. The system support associate model at Gemini Observatory. Proc. SPIE 7016, 701624, 2008.

Jensen, Joseph B., Scot J. Kleinman, Douglas A. Simons, Manuel Lazo, Francois Rigaut, and John K. White. *Current and future facility instruments at the Gemini Observatory* . Proc. SPIE 7014, 701405, 2008.

Kleinman, S. J.; A. Nitta [6]. Lessons learned from Sloan Digital Sky Survey operations. Proc. SPIE 7016, 70160B, 2008.

Kleinman, Scot [8]. *Automatic pre-cooling system for large infrared instruments*. Proc. SPIE 7018, 70182E, 2008.

Lazo, Manuel; Ramon Galvez, Rolando Rogers, Hernan Solis, Eduardo Tapia, Diego Maltes, Paul Collins, John White, Chas Cavedoni, Chris Yamasaki, Michael P. Sheehan, and Brian Walls. *Gemini helium closed cycle cooling system*. Proc. SPIE 7014, 70147G, 2008.

Mason, Rachel E. [8], James T. Radomski [10]. *Science of active galactic nuclei with the GTC and CanariCam*. Proc. SPIE 7014, 70142I, 2008.

Mason, Rachel; Andre Wong, Tom Geballe, Kevin Volk, Tom Hayward, Matt Dillman, Scott Fisher, and James Radomski. Observing conditions and mid-IR data quality. Proc. SPIE 7016, 70161Y, 2008.

Miller, Bryan W. [1]. Gemini queue planning. Proc. SPIE 7016, 70160V, 2008.

Nunez, Arturo and Shane Walker. *Automatic validation of science programs in the Gemini Observing Tool*. Proc. SPIE 7019, 70190S, 2008.

Rigaut, Francois [7]. *Telluric sodium layer temporal variations*. Proc. SPIE 7015, 70154V, 2008.

Roth, Katherine; Bryan Miller [4], and Shane Walker [5]. Target of opportunity observing in queue mode at the Gemini North Observatory. Proc. SPIE 7016, 70161Z, 2008.

Trancho, Gelys; Matthieu Bec, Etienne Artigau, Celine d'Orgeville, Damien Gratadour, Francois J. Rigaut, and Brian Walls. The Gemini-South MCAO operational model: insights on a new era of telescope operation. Proc. SPIE 7016, 70161Q, 2008.

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## Gemini Users Publications in Peer-Reviewed Journals<sup>12</sup>

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<sup>1</sup> Gemini maintains an up-to-date database of papers based wholly or in part on Gemini data that appear in the main refereed astronomical research journals. These journals consist of: *The Astrophysical Journal*, *The Astronomical Journal*, *Astronomy & Astrophysics*, *Monthly Notices of the Royal Astronomical Society*, *Publications of the Astronomical Society of the Pacific*, *Icarus*, *Science* and *Nature*. In a few exceptional and well-assessed case, we also count papers from "secondary" journals.

<sup>2</sup> Gemini's qualifying criterion is the same as that used by Hubble Space Telescope and European Southern Observatory. To qualify, papers based on their output, must employ in an original way an image, spectrum or data set produced by Gemini to derive new scientific results. No attempt is made to fractionate papers per telescope used in the case of papers based on the use of two or more other facilities. Hence, the same paper may be counted several times, for example by Gemini, Keck and Subaru, if it includes data from any of these telescopes.

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