

Results from SMARTS 2003-2004 Data

1 Refereed Journal Publications

- Costa, E., Mendez, R.A., Jao, W.C., Henry, T.J., Subasavage, J.P., Brown, M.A., Ianna, P.A., & Bartlett, J.L., 2005, *The Solar Neighborhood XIV. Parallaxes from the CTIOPI 1.5 Meter Program: First Results*, submitted to AJ
- Deacon, N.R., Hambly, N.C., Henry, T.J., Subasavage, J.P., Brown, M.A., & Jao, W.C. 2005, *The Solar Neighborhood XI: The Trigonometric Parallax of SCR 1845-6357*, AJ, 129, 409
- Dietrich, M., Crenshaw, D.M., & Kraemer, S.B. 2005, *Probing the Ionizing Continuum of Narrow-Line Seyfert 1 Galaxies. I. Observational Results*, submitted to ApJ
- Henry, T.J., Subasavage, J.P., Brown, M.A., Beaulieu, T.D., Jao, W.C., & Hambly, N.C. 2004 *The Solar Neighborhood X. New Nearby Stars in the Southern Sky and Accurate Photometric Distance Estimates for Red Dwarfs*, AJ, 128, 2460
- Jao, W.C., Henry, T.J., Subasavage, J.P., Brown, M.A., Ianna, P.A., Bartlett, J.L., Costa, E., & Mendez, R.A. 2005, *The Solar Neighborhood XIII. Parallaxes from the CTIOPI 0.9 Meter Program: Stars with $\mu > 1.0'' \text{ yr}^{-1}$ (MOTION Sample)*, AJ, 129, 1954
- McSwain, M.V., & Gies, D.R. 2005, *A Photometric Method to Search for Be Stars in Open Clusters*, ApJ, 622, 1052
- McSwain, M.V., Gies, D. R., Huang, W., Wiita, P. J., Wingert, D. W., & Kaper, L. 2004, *The N Enrichment and Supernova Ejection of the Runaway Microquasar LS 5039*, ApJ, 600, 927
- Subasavage, J.P., Henry, T.J., Hambly, N.C., Brown, M.A., & Jao, W.C. 2005, *The Solar Neighborhood XII. Discovery of New High Proper Motion Stars with $\mu > 0.4'' \text{ yr}^{-1}$ between Declinations -90° and -4°* , AJ, 129, 413

2 Invited Talks and Papers

- Henry, T.J. 2005, invited talk (205th Meeting of the American Astronomical Society, San Diego, CA): *New Nearby Stars from NOAO and SMARTS Observations*
- Henry, T.J., Jao, W.C., Subasavage, J.P., Ianna, P.A., Costa, E., & Mendez, R.A. 2005, invited talk (Flagstaff, AZ) and Paper: *Results from CTIOPI: Parallaxes, Perturbations, and Pushing Towards SIM PlanetQuest* in *Astrometry in the Age of the Next Generation of Large Telescopes*, eds. P.K. Seidelmann & A.K.B. Monet, ASP Conference Series

Henry, T.J. 2004, invited plenary talk (203rd Meeting of the American Astronomical Society, Atlanta, GA): *RECONS is Spying on Your Neighbors*

Jao, W.C. 2004, invited talk, (203rd Meeting of the American Astronomical Society, Atlanta, GA): *Something about the Highest Proper Motion Stars*

Subasavage, J.P., invited talk, (203rd Meeting of the American Astronomical Society, Atlanta, GA): *White Dwarfs in the Solar Neighborhood*

3 Additional Conference Proceedings

Dietrich, M., Crenshaw, D.M., & Kraemer, S.B. 2004, *EUV Continuum of Narrow-Line Seyfert 1 Galaxies*, in The Interplay Among Black Holes, Stars, and ISM in Galactic Nuclei, IAU Symposium No. 222, eds. T. Storchi-Bergmann, L.C. Ho, & E.R. Schmitt

Hillwig, T.C. 2004, *Two New Close Binary Central Stars of Planetary Nebulae from a Critically Selected Southern Hemisphere Sample*, in *Asymmetrical Planetary Nebulae III: Winds, Structure and the Thunderbird*, ASP Conference Proceedings, Vol. 313. eds. M. Meixner, J. H. Kastner, B. Balick & N. Soker, San Francisco: ASP, p. 529

McSwain, M.V. & Gies, D.R. 2004, *A Search for Be Stars in Open Clusters*, in The Nature and Evolution of Disks Around Hot Stars, ASP Conference Proceedings, eds. R. Ignace & K. Gayley

Jao, W.C., Henry, T.J., Subasavage, J.P., & Beaulieu, T.D. 2005, *Where are the Stellar Road Runners in the Sky?*, in Astrometry in the Age of the Next Generation of Large Telescopes, eds. P.K. Seidelmann & A.K.B. Monet, ASP Conference Series

Mendez, R.A., Costa, E., Henry, T.J., & Ianna, P.A. 2003, *A Trigonometric Parallax Survey of the Southern Skies*, in Astrometry in Latin America, ADeLA Publication Series, No. 1, ed. R. Teixeira et al., p 1

4 Additional Conference Talks and Posters

Beaulieu, T.D., Jao, W.C., Henry, T.J., Subasavage, J.P., & Brown, M.A. 2004, poster, (203rd Meeting of the American Astronomical Society, Atlanta, GA): *Optical Spectroscopy of Southern High Proper Motion Stars*

Dietrich, M., Crenshaw, D.M., & Kraemer, S.B. 2004, poster, (203rd Meeting of the American Astronomical Society, Atlanta, GA): *The EUV Continuum Shape and Strength of NLS1 Galaxies*

- Jao, W.C., Henry, T.J., Subasavage, J.P., Beaulieu, T.D. & Monteiro, H. 2005, poster, (205th Meeting of the American Astronomical Society, San Diego, CA): *Where are the Stellar Road Runners in the Sky?*
- Koerner, D.W., Henry, T.J., Fuhrman, L.A., Parker, C.C., Kaplan, I.J., Jao, W.C., & Subasavage, J.P. 2004, poster, (203rd Meeting of the American Astronomical Society, Atlanta, GA): *Astrometric Search for Planets Encircling Nearby Stars (ASPENS)*
- Marshall, K. & Miller, H.R. 2004, poster, (High Energy Astrophysics Division Meeting, New Orleans, LA.): *The Connection of the X-Ray/Optical Variability for Selected Seyfert Galaxies*
- McFarland, J.P. & Miller, H.R. 2004, poster, (203rd Meeting of the American Astronomical Society, Atlanta, GA): *Multi-wavelength Investigation of the Variability of the Blazars PKS 1510-089, PKS 1514-241, PKS 1622-297, and PKS 2155-304*
- McSwain, M.V. & Gies, D.R. 2005, poster, (205th Meeting of the American Astronomical Society, San Diego, CA): *A Photometric Search for Be Stars in Open Clusters*
- Raghavan, D., Henry, T.J., Subasavage, J.P., & Beaulieu, T.D. 2004, poster, (203rd Meeting of the American Astronomical Society, Atlanta, GA): *Two Suns in the Sky: Many Extrasolar Planets Orbiting Stars in Multiple Systems*
- Subasavage, J.P., Henry, T.J., Hambly, N.C., Brown, M.A., Jao, W.C., & Beaulieu, T.D. 2005, poster, (205th Meeting of the American Astronomical Society, San Diego, CA): *Introducing the SuperCOSMOS-RECONS (SCR) Proper Motion Survey*
- Tomovic, T., Dietrich, M., & Crenshaw, D.M. 2004, poster, (203rd Meeting of the American Astronomical Society, Atlanta, GA): *Optical and IR Variability Study of ESO141-G55 and IRAS09149-6206*

5 Dissertations Using SMARTS Data

- Beaulieu, T.D. 2006 (goal), *Spectroscopic Studies of Low Mass Stars*
- Jao, W.C. 2004, *Discovery and Characterization of the Highest Proper Motion Stars*
- McFarland, J.P. 2005, *Rest Frame Variability Characteristics of Blazars*
- McSwain, M.V. 2004, *The Evolution of Massive Stars: The Be Star and Microquasar Phenomena*
- Subasavage, J.P. 2006 (goal), *The Population of White Dwarfs in the Solar Neighborhood*