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RESEARCH

- *Interests:* low-mass binary star, brown dwarf, and planet formation; observational calibration of young star evolutionary models; circumstellar disk structure and evolution in the binary environment
- *Techniques:* High-resolution IR spectroscopy, reflex motion radial velocity measurements, near-IR imaging and photometry, time-domain spectroscopy and photometry, interferometry

EDUCATION

- Ph.D. Astronomy, State University of New York, Stony Brook: *Pre–Main-Sequence Binaries and Evolution of their Disks*
- B.S. Astronomy, University of Massachusetts, Amherst

EMPLOYMENT

- Astronomer, Lowell Observatory, 2010–present
- Assistant Astronomer, Lowell Observatory, 2004–2010
- Postdoctoral Researcher, UCLA, 1998–2004
- Research Assistant, SUNY, Stony Brook, 1992–1998
- Teaching Assistant, SUNY, Stony Brook, 1991–1992
- Instructor, Univ. Industrial de Santander, Colombia, 1989–1991

RECENT INVITED TALKS

- Cornell University, Colloquium, November, 2010
- Rochester University, Colloquium, November, 2010
- NASA Ames, Colloquium, May, 2010
- UT Austin, Colloquium, September, 2009
- AMNH, Colloquium, April, 2009
- Penn State University, Colloquium, January, 2009

PROFESSIONAL SERVICE

- Full Member, American Astronomical Society
- Referee, *Astrophysical Journal*, *Astronomical Journal*, *PASP*, *Astronomy & Astrophysics*
- Panelist, CHANDRA, Spitzer, HST, NSF, NASA
- NOAO ALTAIR Committee (2008–2009)
- Gemini Science Advisory Committee (2009–2011)

- NASA IRTF/Keck MOWG (2009–)
- NOAO TAC (2011–)

SELECTED REFEREED PUBLICATIONS

- Mahmud, N. I., C. J. Crockett, C. M. Johns-Krull, L. Prato, P. M. Hartigan, D. T. Jaffe, C. A. Beichman 2011. Precision radial velocities with CSHELL, *ApJ*, arXiv1105.2331
- Crockett, C. J., N. I. Mahmud, L. Prato, C. M. Johns-Krull, D. T. Jaffe, C. A. Beichman 2011. Precision radial velocities with CSHELL, *ApJ*, **735**, 78
- Rosero, V., L. Prato, L. H. Wasserman, & B. Rodgers 2010. Orbital Solutions for Two Young, Low-Mass Spectroscopic Binaries in Ophiuchus, *AJ*, **141**, 13
- Barnes, J. R., et al. 2010. A Search for Molecules in the Atmosphere of HD 189733b, *MNRAS*, **401**, 445
- Rice, E. L., T. Barman, I. S. Mclean, L. Prato, & J. D. Kirkpatrick 2010. Physical Properties of Young Brown Dwarfs and Very Low Mass Stars Inferred from High-resolution Model Spectra, *ApJS*, **186**, 63
- Prato, L., K. E. Lockhart, C. M. Johns-Krull, & J. T. Rayner 2009. Stellar and Circumstellar Properties of Class I Protostars, *AJ*, **137**, 3931
- Mace, G. N., L. Prato, L. H. Wasserman, G. H. Schaefer, O. G. Franz, & M. Simon 2009. The Highly Eccentric Pre-Main-Sequence Spectroscopic Binary RX J0529.3+1210, *AJ*, **137**, 3487
- Prato, L., M. Huerta, C. M. Johns-Krull, N. Mahmud, D. T. Jaffe, & P. Hartigan 2008. A Young-Planet Search in Visible and Infrared Light: DN Tauri, V836 Tauri, and V827 Tauri, *ApJ*, **687**, L103
- Huerta, M., C. M. Johns-Krull, L. Prato, P. Hartigan, D. T. Jaffe 2008. Star Spot Induced Radial Velocity Variability in LkCa 19, *ApJ*, **678**, 472
- Schaefer, G. H., M. Simon, L. Prato, T. Barman 2008. Preliminary Orbit of the Young Binary Haro 1-14c, *AJ*, **135**, 1659
- Patience, J., R. T. Zavala, L. Prato, O. Franz, L. Wasserman, C. Tycner, D. J. Hutter, C. A. Hummel 2008. Optical Interferometric Observations of Θ 1 Orionis C from NPOI and Implications for the System Orbit, *ApJ*, **674**, 97
- McLean, I. S., L. Prato, M. R. McGovern, A. J. Burgasser, J. D. Kirkpatrick, E. L. Rice, S. S. Kim 2007. The NIRSPEC Brown Dwarf Spectroscopic Survey. II. High-Resolution J-Band Spectra of M, L, and T Dwarfs, *ApJ*, **658**, 1217
- Prato, L. 2007. A Survey for Young Spectroscopic Binary K7-M4 Stars in Ophiuchus, *ApJ*, **657**, 338
- Rice, E. L., L. Prato, I. S. McLean 2006. An Association in the Aquila Star-forming Region: High-Resolution Infrared Spectroscopy of T Tauri Stars, *ApJ*, **647**, 432