

Catherine L. Slesnick

Publications (refereed):

1. **Slesnick, C.L.** 2007, *PASP*, 119, 1205
 - *1-10 Myr-old Low-Mass Stars and Brown Dwarfs in Nearby Star-Forming Regions*
2. **Slesnick, C.L.**, Carpenter, J.M., Hillenbrand, L.A., & Mamajek, E.E., 2006, *AJ*, 132, 2665
 - *A Distributed Population of Low Mass Pre-Main Sequence Stars Near the Taurus Molecular Clouds*
3. **Slesnick, C.L.**, Carpenter, J.M., & Hillenbrand, L.A. 2006, *AJ*, 131, 301
 - *A Large-Area Search for Low Mass Objects in Upper Scorpius I: The Photometric Campaign and New Brown Dwarfs*
4. **Slesnick, C.L.**, Hillenbrand, L.A., & Carpenter, J.M. 2004, *ApJ*, 610, 1045
 - *The Spectroscopically Determined Substellar Mass Function of the Orion Nebula Cluster*
5. **Slesnick, C.L.**, Hillenbrand, L.A. , & Massey, P. 2002, *ApJ*, 576, 880
 - *The Star Formation History and Mass Function of the Double Cluster η and Chi Persei*
6. Luhman, K. L., Allers, K. N., Jaffe, D. T., Cushing, M. C., Williams, K. A., **Slesnick, C. L.**, & Vacca, W. D. 2007, *ApJ*, in press
 - *Oph 1622-2405: Not a Planetary-Mass Binary*
7. Benedict, G.F., McArthur, B.E., Fredrick, L.W., Harrison, T. E., Skrutskie, M. F., **Slesnick, C. L.**, et. al. 2003, *AJ*, 126, 2549
 - *Astrometry with The Hubble Space Telescope: A Parallax of the Central Star of the Planetary Nebula NGC 6853*
8. Kundu, A., Majewski, S. R., Rhee, J., Rocha-Pinto, H. J., Polak, A. A., **Slesnick, C. L.** et al. 2002, *ApJ*, 576, 125
 - *Exploring Halo Substructure with Giant Stars. III. First Results from the Grid Giant Star Survey and Discovery of a Possible Nearby Sagittarius Tidal Structure in Virgo*
9. Benedict, G.F., McArthur, B.E., Fredrick, L.W., Harrison, T. E., **Slesnick, C. L.**, Rhee, J., et al. 2002, *AJ*, 124, 1695
 - *Astrometry with the Hubble Space Telescope: A Parallax of the Fundamental Distance Calibrator δ Cephei*
10. Benedict, G.F., McArthur, B.E., Fredrick, L.W., Harrison, T. E., Lee, J., **Slesnick, C. L.**, et. al. 2002, *AJ*, 123, 473
 - *Astrometry with the Hubble Space Telescope: A Parallax of the Fundamental Distance Calibrator RR Lyrae*
11. McArthur, B.E., Benedict, G.F., Lee, J., van Altena, W.F., **Slesnick, C. L.**, Rhee, J., et. al. 2001, *ApJ*, 560, 907
 - *Interferometric Astrometry with Hubble Space Telescope Fine Guidance Sensor 3: The Parallax of the Cataclysmic Variable TV Columbae*

Publications (Conference Proceedings):

12. **Slesnick, C.L.**, Carpenter, J.M., & Hillenbrand, L.A. 2005, "Star Formation in the Era of Three Great Observatories", 32
 - *A Search for Pre-Main Sequence objects near the Taurus and Upper Scorpius Star-Forming Regions*
13. **Slesnick, C.L.**, Carpenter, J.M., & Hillenbrand, L.A. 2005, "Protostars and Planets V", 1286, 8365
 - *A Search for Young Stars near the Taurus and Upper Scorpius Star-forming Regions*
14. **Slesnick, C.L.**, Carpenter, J.M., & Hillenbrand, L.A. 2005, MmSAI, 76, 291
 - *A search for low mass stars and brown dwarfs in the Upper Scorpius OB association*
15. **Slesnick, C.L.**, Hillenbrand, L.A., & Carpenter, J.M. 2002, "Bulletin of the American Astronomical Society", 35, 1176
 - *Spectroscopy of Candidate Young Brown Dwarfs in the Orion Nebula Cluster*
16. **Slesnick, C.L.**, Massey, P.M., & Hillenbrand, L.A. 2001, "Bulletin of the American Astronomical Society", 34, 564
 - *The Age and Initial Mass Function of the Double Clusters η and χ Persei*
17. **Slesnick, C.L.**, et al. 2000, "Bulletin of the American Astronomical Society", 33, 715
 - *Properties of Stars Selected by the Grid Giant Star Survey for the Space Interferometry Mission Astrometric Grid*
18. **Slesnick, C.L.**, & Massey, P.M. 1999, "Bulletin of the American Astronomical Society", 31, 1441
 - *A Modern Study of η and χ Persei*
19. **Slesnick, C.L.**, Donahue, R.A., & Baliunas, S.L. 1998, "Bulletin of the American Astronomical Society", 30, 1395
 - *Activity in Old Dwarf and Subgiant Stars*