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Institutions	Major	Degree & Year
University of Wisconsin – Madison	Astronomy	Ph.D. 1980
San Diego State University	Astronomy	M.S. 1977
San Diego State University	Astronomy	A.B. 1974

Most Recent Appointments

Research Scientist, Space Science Institute, 2005-present
Professor, Department of Physics, University of Cincinnati, 1998-present

Professional Organizations & Service

Cincinnati Observatory Center: Board of Trustees & Education Committee
Member: International Astronomical Union, American Astronomical Society, Division for Planetary Sciences, Astronomical Society of the Pacific, Meteoritical Society, Planetary Society
Publication Referee: Science, Astronomical Journal, Astrophysical Journal, Icarus, Earth Planets and Space

Major Interests

Interstellar, Circumstellar, and Interplanetary Dust, Comets, Origins of Solar Systems, Light Scattering by Small Particles, Thermal Emission Spectroscopy

Recent Refereed Publications

“Resolving the Gap and AU-Scale Asymmetries in the Pre-Transitional Disk of V1247 Orionis”, S. Kraus, M.J. Ireland, **M.L. Sitko**, J.D. Monnier, N. Calvet, C. Espaillat, C.A. Grady, T.J. Harries, S.F. Hönig, R.W. Russell, J.R Swearingen, C. Werren, & D.J. Wilner. ApJ, 768, 80 (2013).

“Spiral Arms in the Asymmetrically Illuminated Disk of MWC 758 and Constraints on Giant Planets”, C.A. Grady, T. Muto, J. Hashimoto, M. Fukagawa, T. Currie, B. Biller, C. Thalmann, **M. L. Sitko**, and the HiCIAO Team. ApJ, 762, 48 (2013).

“Imaging the Disk and Jet of the Classical T Tauri Star AA Tau”, A.W. Cox, C.A. Grady, H.B. Hammel, J. Hornbeck, R.W. Russell, **M.L. Sitko**, B.E. Woodgate, and E.F. Guinan. ApJ, 762, 40 (2013).

“High-Contrast NIR Polarization Imaging of MWC 480”, N. Kusakabe, C. Grady, **M.L. Sitko**, and the HiCIAO Team. ApJ, 753, 153 (2012).

“Detection of Inner Spiral Structures in the Disk of SAO 206462 (HD 135344B) and the

Implications of the Physical State of the Disk by Spiral Density Wave Theory”, T. Muto, C. A. Grady, J. Hashimoto, M. Fukagawa, J. B. Hornbeck, **M. Sitko**, and the HiCIAO Team. *ApJ*, 748, L22 (2012)

“Variability of Disk Emission in Pre-Main Sequence and Related Stars. II. Variability in the Gas and Dust Emission of the Herbig Fe Star SAO 206462”, **M.L. Sitko**, A.N. Day, R.L. Kimes, L.C. Beerman, C. Martus, D.K. Lynch, R.W. Russell, C.A. Grady, G. Schneider, C.M. Lisse, J.A. Nuth, M. Curé, A.A. Henden, S. Kraus, V. Motta, M. Tamura, J. Hornbeck, G.M. Williger, & D. Fugazza. *ApJ*, 745, 29 (2012)

“Mid-Infrared Spectrophotometric Observations of Fragments B and C of Comet 73P/Schwassmann-Wachmann 3”, D.E. Harker, C.E. Woodward, M.S. Kelley, **M.L. Sitko**, D.H. Wooden, D.K. Lynch, and R.W. Russell. *AJ*, 141, 26 (2011).

“Dust in Comet C/2007 N3 (LULIN)”, C.E Woodward, T.J. Jones, B. Brown, E.L. Ryan, M. Krejny, L. Kolokolova, M.S. Kelley, D.E. Harker, and **M.L. Sitko**. *AJ*, 141, 181 (2011).

“EPOXI: Comet 103P/Hartley 2 Observations from a Worldwide Campaign”, K.J. Meech + 195 authors. *ApJ*, 734, L1 (2011).

“Infrared Spectroscopy of Comet 73P/Schwassmann-Wachmann 3 Using the Spitzer Space Telescope”, **M.L. Sitko**, C.M. Lisse, M.S. Kelley, E.F. Polomski, D.K. Lynch, R.W. Russell, R.L. Kimes, B.A. Whitney, M.J. Wolff, and D.E. Harker. *AJ*, 142, 80 (2011).

“Infrared Studies of Epsilon Aurigae in Eclipse”, R.E. Stencel, B.K. Kloppenborg, R.E. Wall, Jr., J.L. Hopkins, S.B. Howell, D.W. Hoard, J. Rayner, S. Bus, A. Tokunaga, **M.L. Sitko**, S. Brafford, R.W. Russell, D.K. Lynch, H. Hammel, B. Whitney, G. Orton, P. Yanamandra-Fisher, J.L. Hora, P. Hinz, W. Hoffman, & A. Skemer. *AJ*, 142, 174 (2011).

“Locating the Accretion Footprint on a Herbig Ae Star: MWC 480”, C. A. Grady, K. Hamaguchi, G. Schneider, B. Stecklum, B. E. Woodgate, J. E. McCleary, G. M. Williger, **M. L. Sitko**, F. Ménard, Th. Henning, S. Brittain, M. Troutmann, B. Donehew, D. Hines, J. P. Wisniewski, D. K. Lynch, R. W. Russell, R. J. Rudy, A. N. Day, A. Shenoy, M. Endres, and K. A. Collins. *ApJ*, 719, 1565 (2010).

“Revealing the Structure of a Pre-Transitional Disk: The Case of the Herbig F Star SAO 206462 (HD 135344B)”, C. A. Grady, G. Schneider, **M. L. Sitko**, G. M. Williger, K. Hamaguchi, S. D. Brittain, K. Ablordeppey, D. Apai, L. Beerman, W. J. Carpenter, K. A. Collins, M. Fukagawa, H. B. Hammel, Th. Henning, D. Hines, R. Kimes, D. K. Lynch, F. Ménard, R. Pearson, R. W. Russell, M. Silverstone, P. S. Smith, M. Troutman, D. Wilner, B. Woodgate, and M. Clampin, *ApJ*, 699, 1822 (2009).