

Margaret Meixner: Vitae

## Margaret Meixner: Curriculum Vitae

### **Education:**

1987 B.S., Electrical Eng., University of Maryland, College Park, summa cum laude with Honors  
1987 B.S. Mathematics, University of Maryland, College Park, summa cum laude with Honors  
1989 M.S. Astronomy, UC Berkeley  
1993 Ph.D. Astronomy, UC Berkeley, PhD Advisor, W.J. Welch

### **Positions Held:**

2023-pres. Astrophysics Section Manager, Jet Propulsion Lab  
2020-2023 Director of SOFIA Science Mission Operations, Universities Space Research Association  
2019-2020 JWST Project Scientist, Space Telescope Science Institute  
2011-2020 Principal Research Scientist in CAS, Physics & Astronomy, Johns Hopkins University  
2010-2017 Deputy of the Instruments Division at Space Telescope Science Institute  
2017- 2020 Distinguished Astronomer, Space Telescope Science Institute  
2017- 2019 Visiting Scientist at NASA Goddard  
2007-2017 Full Astronomer, Space Telescope Science Institute  
2002-2007 Associate with tenure, Space Telescope Science Institute  
2010 Visiting Scientist at Commissariat s l'energie atomique (CEA)/Saclay, France  
2009-2010 Visiting Scientist at Harvard-Smithsonian Center for Astrophysics  
1993-2002 Assistant/Associate Professor, University of Illinois, Urbana-Champaign

### **Management Experience:**

- Astrophysics Section Manager, JPL, 2023-pres
- Director of SOFIA Science Mission Operations, USRA, 2020-2023
- Community Chair of the Origins Space Telescope Science and Technology Definition Team, 2016- 2020
- Executive Committee chair (Research staff chair), 2015-2016, ~100 research staff
- Instruments Division Deputy 2010-2017, STScI, ~150 staff members of astronomers, scientists, research instrument analysts, mission systems scientists
- Webb Instrument Team Lead 2007-2009, STScI, Instruments Division: team of 16 scientists, 8 research instrument analysts, personnel & project management
- PI of WIYN High Resolution infrared camera 2005-2012: team of 5 engineers & 1 student, science team of ~10 scientists, interface work with WIYN/NOAO staff (~5) (URL: [www.noao.edu/kpno/WHIRC\\_instrument.htm](http://www.noao.edu/kpno/WHIRC_instrument.htm))
- PI of the SAGE-LMC Legacy Team, 2005-2010: ~100 scientists covering the globe, (URL: [sage.stsci.edu](http://sage.stsci.edu))
- PI of the HERSchel Inventory of The Agents of Galaxy Evolution (HERITAGE) in the Magellanic Clouds: 2007-2015, ~100 scientists postdocs and students over the globe

### **Instrumentation Experience:**

- WIYN High Resolution Infrared Camera (WHIRC): Principal Investigator 2005-2012, built as a facility instrument for WIYN on the tip-tilt port.

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- James Webb Space Telescope (JWST) Mid-Infrared Instrument (MIRI): US Science Team member, 2002-pres.
- Near-InfraRed Imager (NIRIM): Principal Investigator 1993-2004, NICMOS 256×256 array sensitive to light of wavelengths 0.8-2.5  $\mu\text{m}$ , used at Mt. Laguna 1 m, Mt. Wilson with University of Illinois adaptive optics system; WIYN telescope
- Berkcam, 1987-1993: research assistant, Hughes 10×64 Si:Ga array, was sensitive to light of wavelengths 8-13  $\mu\text{m}$ , responsible for maintenance, leading observing runs at IRTF and UKIRT

### **Awards:**

- NASA Group Achievement Award for Astro2020 Large Mission Study Science and Technology Definition Team, 2019
- AURA Distinguished Astronomer, 2017
- American Association for the Advancement of Science (AAAS) Fellow, 2015
- AURA Science Achievement Award 2009 for leadership of WHIRC and SAGE
- JWST Group Achievement for PDR & NAR Award 2009
- STScI Achievement Award 2004, for Outstanding Functional Work at STScI
- Who's Who Among America's Teachers 2002
- NSF CAREER Award, 1998
- Annie Jump Cannon Special Commendation of Honor, 1994.
- UC Berkeley Roberts Prize for excellence in graduate astronomy research, 1993.

### **Professional Affiliations:**

- American Astronomical Society
- American Assoc. of Univ. Women (AAUW)
- American Association for the Advancement of Science (AAAS), Fellow
- International Astronomical Union (IAU)

### **Service Committees between September 2002 and Present**

#### **External Committees/Service**

2023-pres: AAS Nominating Committee

2016-pres: AUI visiting committee, review of NRAO

2019-2022 Astrophysics Advisory Committee for NASA HQ, member

2019-2021 Cosmic Origins Program Analysis Group (COPAG) Executive Committee Chair

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2016-2020 Community Chair of the Origins Space Telescope Science and Technology Definition Team for NASA headquarters

2016- JAXA review board for SPICA mission proposal

2016 January: Member of the U of A Astronomy Dept./Steward Obs. Academic Program Review Committee

2015-present: Member at Large for the Commission C.H1 on the Local Universe

February 2010-2014: American Association for the Advancement of Science, Member at Large council member, elected in 2009;

February 2013-2016 Electorate Nominating Committee of AAAS

December 2007- 2014, Chair of the NASA Herschel Users Panel, reports to George Helou, Director of NHSC; this committee is the only advisory committee to the NHSC

March 2010 –2014, Member of the Herschel Users Group (centered in Europe)

2010-2011: SOFIA Science Project Council: Member; this council is the highest level science advisory group and reports to the SOFIA project and NASA headquarters.

2008-2009: Stratospheric Observatory For Infrared Astronomy (SOFIA) Science Visions working group: Lead of the ISM overview section of the SOFIA Science Vision Book, worked with Tielens and SOFIA project on completing a 20 page contribution to this white paper; 3 weeks of total effort spread over 6 months time.

November 2006-2009: SOFIA Science Steering Committee (SSSC)

September 2002-present: Member of the James Webb Space Telescope (JWST) Mid-InfraRed Instrument (MIRI) Science team.

### **Post-Doctoral Scientists, and Students Supervised in Research**

#### **Post-Doctoral Scientists:**

- Dr. Angela Speck, June 1999-2002, Professor in the Dept. of Physics at University of Missouri, Columbia; Chair of Astronomy Department, University of Texas
- Dr. Ben Sugerman, September 2003-2006, Assistant Professor at Goucher College
- Dr. Uma Vijh, September 2005 – 2007, Research professor at University of Toledo
- Dr. Natasza Siomiak, January 2006 – 2007, Research Staff at Copernicus Institute in Torun, Poland
- Dr. Marta Sewilo, March 2007 – 2010, working on SAGE project, data base and star formation, Research Staff at Johns Hopkins University, NPP at Goddard with Wiseman

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- Dr. Ben Sargent, Nov. 2009-2013, working on SAGE-Spec, dust mineralogy AGB mass loss grid, postdoc at RIT
- Dr. Masaaki Otsuka, June 2009-2013, working on SEEDS project, dust production in Supernovae, SAGE and HERITAGE, postdoc at ASIAA, Taipei, Taiwan.
- Dr. Jonathan Seale, September 2010-2014, star formation in Magellanic Clouds, SAGE & HERITAGE
- Dr. Olivia Jones, August 2014-September 2017, Dusty stellar populations, JWST/MIRI GTO program
- Dr. Bram Ochsendorf, October 2015 – May 2018, star formation in the Magellanic Clouds, SAGE, HERITAGE, HST, ALMA, JWST
- Dr. Omnarayani Nayak, June 2018-June 2019, star formation in the Magellanic Clouds, SAGE, HERITAGE, HST, ALMA, JWST, STScI prize instrument postdoc
- Dr. Alec Hirschauer, September 2017-2020, infrared stellar populations in low metallicity galaxies, JWST/MIRI GTO program, STScI prize instrument postdoc
- Dr. Laura Lenkic, November 2021-pres, NSF grant postdoc, work on ALMA data on Magellanic Clouds
- Dr. Nolan Habel, September 2022 – pres., JWST/MIRI GTO program postdoc

### **Graduate Students:**

- PhD Thesis Students
  - Rolaine Young Owl, Ph.D. 1999, University of Illinois, Urbana-Champaign, Assistant Professor, Cal State Long Beach
  - Toshiya Ueta, Ph.D. 2002, University of Illinois, Urbana-Champaign, Assistant Professor at University of Denver.
  - Dave Fong, Ph.D. 2003, University of Illinois, Urbana-Champaign, Assistant Professor at Olympia College
  - Ryan Doering, Ph.D. 2008, University of Illinois, Urbana-Champaign, now lecturer at Univ. of Wisconsin, Whitewater
  - Lynn Carlson, Ph.D. candidate, 2005-2010, Johns Hopkins University, defended Sept. 2010, postdoc in Leiden with Xander Tielens
  - Sundar Srinivasan, Ph.D. candidate, 2006-2009., Johns Hopkins University, defended Oct. 19, 2009, now a postdoc at the ASIAA, Taipei, Taiwan
  - David Riebel, Ph. D. candidate, 2008-2012, Johns Hopkins University, visiting assistant professor at US Naval Academy, now civil service at South Pole
  - Justice Bruursema, Ph.D. candidate, 2011-2014, Johns Hopkins University, now working at Naval Observatory in Flagstaff
  - Omnarayani Nayak, PhD Thesis student, 2014-2018, Johns Hopkins University, now STScI prize instrumentation postdoc June 2019
- Summer or 1<sup>st</sup> year projects
  - Tim O'Hara, PhD student, 2001-2003, University of Illinois, Urbana-Champaign
  - Mike Campbell, Masters student, 2000-2002, University of Illinois, Urbana-Champaign
  - Amanda Maxham, Masters student, 2001-2002, University of Illinois, Urbana-Champaign
  - Minh Son, JHU Physics, summer 2004
  - Yong Chen, JHU, summer 2004

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- Corrine Lamb, JHU, summer 2004
- SoYoung Kim, JHU, summer 2005
- Kirill Tchernyshov, JHU, summer 2013 & 2014

### Undergraduate Students:

- Mike Campbell, Physics, 1997, University of Illinois, Urbana-Champaign,
- Tony Marcotte, Pre-Med, 1999, University of Illinois, Urbana-Champaign,
- Lynn Carter, 2000, University of Illinois, Urbana-Champaign
- Jason Davis, Astronomy, 2000, University of Illinois, Urbana-Champaign, planetarium work
- Phil Swanson, Astronomy, 2002, University of Illinois, Urbana-Champaign,
- Danielle Moser, Engineering, 2002, University of Illinois, Urbana-Champaign,
- Lukas Pyzowski, Physics/Philosophy, 2004, University of Illinois, Urbana-Champaign,
- Chris Busbey, computer science, 2003, University of Illinois, Urbana-Champaign,
- Angela Zalucha, physics/astronomy, 2002-2003, University of Illinois, Urbana-Champaign, graduate student at MIT
- Joel Hartman, STScI summer student 2003, NICMOS imaging of Helix, Harvard Grad. student
- Khee Gan Lee, STScI summer student 2004, 2-Dust modeling, Princeton Grad. student
- Cecelia Hedrick, STScI summer student 2005, 2-Dust modeling, JPL intern
- Carrie Gill, STScI summer student 2006, SAGE project, Finding Taurus
- Morgan Dwyer, STScI summer student 2007, SAGE project, YSOs
- Krista Romita, STScI summer student 2008, 2009, intern in 2010, SAGE project, deep photometry of YSOs
- Ed Montiel, STScI summer student 2012, graduate student at LSU
- Elizabeth Polsdofer, STScI summer student 2013, 2014, masters student at Univ. of Oregon in medical physics; PhD student at Southwest University
- Helen Meskhidze; STScI summer student 2015, masters student Western Ontario
- Matt Maclay; STScI summer student 2016, undergraduate at Carleton College
- Laurin Gray; STScI summer student 2018, undergraduate at University of Arizona, now graduate student at University of Indiana
- William Paranzino; JHU summer student 2018, Notre Dame University, Indiana

### Refereed Papers:

1. “High Resolution CO Images of Seyfert Galaxies” **Meixner, M.**, Puchalsky, R., Blitz, L., Wright, M.C.H. and Heckman, T. 1990, ApJ, 354, 158-164
2. “High Angular Resolution Broad-Band Imaging in the Mid-Infrared: The Infrared Bright Galaxy NGC 34” Keto, E., Jernigan, G., Ball, R., Arens, J., and **Meixner, M.** 1991, ApJ, 374, L29-L31

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3. "Mid-Infrared Imaging of Markarian 231 and Arp 220" Keto, E., Ball, R., Arens, J., Jernigan, G., and **Meixner, M.** 1992, ApJ, 387, L17-L19
4. "Sub-Arcsecond Mid-IR Imaging of the Nuclei of the IR Bright Galaxies NGC 1614 and NGC 7469" Keto, E., Ball, R., Arens, J., Jernigan, G. and **Meixner, M.** 1992, ApJ, 389, 223-226
5. "Thermal Dust Imaging: The Onset of Asymmetry in the Ultracompact HII Region G5.89-0.39" Ball, R., Arens, J.F., Jernigan, J.G., Keto, E., and **Meixner, M.** 1992, ApJ, 389, 616-627
6. "Far Infrared Observations of M17SW: The Clumpy Structure of the Photodissociation Region" **Meixner, M.**, Haas, M.R., Tielens, A.G.G.M., Erickson, E.F., and Werner, M. 1992, ApJ, 390, 499-513
7. "Characterization of Solid State Array Cameras for the Mid-IR" Keto, E., Ball, R., Arens, J.F, Jernigan, J.G., and **Meixner, M.** 1992, International Journal of Infrared and Millimeter Waves, vol. 13, N11:1709
8. "Models of Clumpy Photodissociation Regions" **Meixner, M.** and Tielens, A.G.G.M., 1993, ApJ, 405, 216-228
9. "2-12.5  $\mu\text{m}$  Imaging of IRAS 21282+5050: The Structure of a Young Planetary Nebula" **Meixner, M.**, Skinner, C.J., Temi, P., Rank, D., Bregman, J., Ball, J.R., Keto, E., Arens, J.F., and Jernigan, J.G., 1993, ApJ, 411, 266-273
10. "The mid-infrared radio correlation at high angular resolution - NGC 253" Keto, E., Ball, R., Arens, J.F., Jernigan, G., **Meixner, M.**, Skinner, C.J. and Graham, J.R., 1993, ApJ, 413, L23-L26
11. "Anatomy of the PhotoDissociation Region in the Orion Bar" Tielens, A.G.G.M., **Meixner, M.**, van der Werf, P.P. Bregman, J., Tauber, J.A, Stutski, J. and Rank, D. 1993, Science, 262, 86-89
12. "Anatomy of a Photodissociation Region: High Angular Resolution Images of Molecular Emission in the Orion Bar" Tauber, J.A., **Meixner, M.**, Tielens, A.G.G.M., and Goldsmith, P.F. 1994, ApJ, 422, 136-152
13. "Mid-Infrared Images of the Post-Asymptotic Giant Branch Star HD 161796" Skinner, C.J., **Meixner, M.**, Hawkins, G., Keto, E., Jernigan, J.G., and Arens, J.F. 1994, ApJ, 423, L135-L138
14. "10  $\mu\text{m}$  Imaging of UZ Tau: Evidence for Circumstellar Disk Clearing Due to Close Companion" Ghez, A. M., Emerson, J. P. Graham, J.R., **Meixner, M.**, & Skinner, C.J. 1994, ApJ, 434, 707-712

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15. "The Dust Disk Around the Vega-excess Star SAO26804" Skinner, C. J., Sylvester, R. J., Graham, J.R., Barlow, M.J., **Meixner, M.**, Keto, E., Arens, J.F., Jernigan, J.G. 1995, ApJ, 444, 861-873
16. "Models of Clumpy Photodissociation Regions: Erratum" **Meixner, M.**, Tielens, A.G.G.M. 1995, ApJ, 446, 907-907
17. "Discovery of an Extended Shell Around AFGL 2343 (HD 179821) at 10  $\mu\text{m}$ " Hawkins, G.W., Skinner, C.J., **Meixner, M.**, Jernigan, J.G., Arens, J.F. Keto, E., and Graham, J. 1995, ApJ, 452, 314-322.
18. "Modelling of the Dust and Gas Outflows from OH26.5+0.6: The Superwind" Justtanont, K., Skinner, C.J., Tielens, A.G.G.M., **Meixner, M.** Baas, F. 1996, ApJ, 456, 337-349
19. "Mid-Infrared Imaging of Young Stellar Objects" Liu, M.C., Graham, J.R., Ghez, A.M., **Meixner, M.**, Skinner, C.J., Keto, E., Ball, R., Arens, J.F., Jernigan, J.G. 1996, ApJ, 461, 334-344
20. "Mid-IR and Radio Images of IC 418: Dust in a Young Planetary Nebula" **Meixner, M.**, Skinner, C.J., Keto, E., Zijlstra, A., Hoare, M.G., Arens, J.F., Jernigan, J.G. 1996, AA, 313, 234-242.
21. "Thermal Dust Imaging: Dust Temperatures and Optical Depths in the Ultracompact HII region G29.96-0.02" Ball, R., **Meixner, M.**, Keto, E., Arens, J.F., Jernigan, J.G., 1996, AJ, 112, 1645-1658.
22. "Axially Symmetric Superwinds of Proto-Planetary Nebulae with 21  $\mu\text{m}$  Dust Features" **Meixner, M.**, Skinner, C.J., Graham, J.R., Keto, E., Jernigan, J.G., Arens J.F. 1997, ApJ, 482, 897-912
23. "Circumstellar Environments V: The Asymmetric Chromosphere and Dust Shell of  $\alpha$ -Orionis" Skinner, C.J., **Meixner, M.**, Bode, M.F., Davis, R.J., Dougherty, S.M., Drake, S.A., Arens, J.F., Jernigan, J.G. 1997, MNRAS, 288, 295-306
24. "The IR Bright Nuclei in the Mid-IR" Keto, E., Hora, J., Deutsch, L., Hoffmann, W., Fazio, G., Ball, R., Meixner, M., Skinner, C., Arens, J.F., Jernigan, J.G. 1997, ApJ, 485, 598-604
25. "The Remarkable Asymmetric Outflow from the Cygnus Egg Nebula" Skinner, C.J., Meixner, M., Barlow, M.J., Collison, A.J., Justtanont, K., Blanco, P., Pina, R., Ball, J.R., Keto, E., Arens, J.F., Jernigan, J.G. 1997, AA, 328, 290-310.
26. "Mid-infrared Imaging of WL16: The Spatial Distribution of the Hydrocarbon Emission Features" Moore, T.J.T., Emerson, J.P., Skinner, C.J., Meixner, M.M., Arens, J.F., Jernigan, J.G. 1998, MNRAS, 299, 1209-1214

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27. "The birth of a Planetary Nebula around the Carbon Star IRC+10216" Skinner, C.J., Meixner, M. and Bobrowsky, M. 1998, MNRAS, 300, L29-L33
28. "Mass Loss Histories of Three Carbon Rich Evolved Stars as Revealed by the  $^{12}\text{CO}$  Emission" Meixner, M., Campbell, M.T., Welch, W.J., Likkell, L. 1998, ApJ, 509, 392-414
29. "A Mid-Infrared Imaging Survey of Proto-Planetary Nebula Candidates" Meixner, M., Ueta, T., Dayal, A., Hora, J., Fazio, G., Hrivnak, B.J., Skinner, C.J., Hoffmann, W. F., & Deutsch, L. K. 1999, ApJ Suppl, 122, 221-242
30. "NIRIM: a Dual Purpose Near Infrared (0.76–2.5  $\mu\text{m}$ ) Imaging Camera for Wide Field and High Resolution Imaging" Meixner, M., Young-Owl, R.C, & Leach, R. W., 1999, PASP, 111, 997-1008
31. "A Hubble Space Telescope Snapshot Survey of Proto-Planetary Nebula Candidates: Two Types of Axisymmetric Reflection Nebulosity" Ueta, T., Meixner, M., & Bobrowsky, M. 2000, ApJ, 528, 861-884
32. "HCN and  $\text{HCO}^+$  Images of the Orion Bar Photodissociation Region" Young Owl, R.C., Meixner, M., Wolfire, M., Tielens, A.G.G.M., & Tauber, J. 2000, ApJ, 540, 886-906
33. "Discovery of Parsec-sized Dust Shells around AFGL 2688 and AFGL 618" Speck, A.K., Meixner, M. & Knapp, G.R. 2000, ApJ, 545, L145-L148
34. "Low-excitation atomic gas around evolved stars I: ISO observations of C-rich nebulae" Fong, D., Meixner M., Castro-Carrizo A., Bujarrabal V., Latter W.B., Tielens A.G.G.M., Kelly D.M., & Sutton E.C., 2001, A & A, 367, 652-673
35. "Low-excitation atomic gas around evolved stars II: ISO observations of O-rich nebulae" Castro-Carrizo A., Bujarrabal V., Fong, D., Meixner M., Tielens A.G.G.M., Latter W.B., & Barlow M.J., 2001, A & A, 367, 674-693
36. "Discovery of an Extended Dust Emission Around IRAS 18576+0341 (AFGL 2298) at 10.3 and 18.0 Microns: a New Luminous Blue Variable Candidate?" Ueta T., Meixner M., Dayal A., Deutsch L.K., Fazio G., Hora J.L, Hoffmann W.F. 2001, ApJ, 548, 1020-1028
37. "Sub-arcsecond Mid-IR Structure of the Dust Shell around IRAS 22272+5435" T.Ueta, M. Meixner, P.M. Hinz, W.F. Hoffmann, W. Brandner, A. Dayal, L.K. Deutsch, G.G. Fazio, and J.L. Hora 2001, ApJ, 557, 831-843
38. "Westbrook's Molecular Gun: Discovery of Near-IR Micro-Structures in AFGL 618," Ueta, T., Fong, D., & Meixner, M. 2001, ApJL, 557, 117-121



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39. "Large-scale Extended Emission Around the Helix Nebula: Dust, Molecules, Atoms and Ions." Speck, A.K., Meixner, M., Fong, D., McCullough, P.R., Moser, D., Ueta, T. 2002, AJ, 123, 346-366
40. "Two Subclasses of Proto-Planetary Nebulae: Model Calculations" Meixner, M., Ueta, T., Bobrowsky, M. & Speck, A.K. 2002, ApJ, 571, 936-946
41. "Testing Models of Low-Excitation Photodissociation Regions With Far-Infrared Observations of Reflection Nebulae" Young Owl, R.C., Meixner, M., Fong, D., Haas, M.R., Rudolph, A. & Tielens, A. G. G. M. 2002, ApJ, 578, 885-896
42. "Imaging the circumstellar envelope of OH 26.5+0.6" Fong, D., Justtanont, K., Meixner, M., Campbell, M. T. 2002, AA, 396, 581-587
43. "Discovery of Multiple Molecular Shells in the Outer Envelope of IRC+10216" Fong, D., Meixner, M., Shah, R.Y. 2003, ApJ, 582, L39
44. "Molecular Hydrogen in the Ring Nebula: Clumpy Photodissociation Regions" Speck, A.K., Meixner, M., Jacoby, G.H., & Knezek, P. 2003, PASP, 115,170-177.
45. "2-Dust: an axisymmetric dust radiative transfer code" Ueta, T. & Meixner, M. 2003, ApJ, 586, 1338-1355
46. "Near-Infrared Photometric Survey of Proto-Planetary Nebula Candidates" Ueta, T., Meixner, M., Moser, D.E., Pyzowski, L.A. & Davis, J.P. 2003, AJ, 125,2227-2238
47. "The Dust Ring of LBV Candidate HD 168625: Infrared Observations and Model Calculations" O'Hara, T.B., Meixner, M., Speck, A.K., Ueta, T., & Bobrowsky, M. 2003, ApJ, 598, 1255.
48. "The Molecular and Dust Envelope of HD 56126" Meixner, M.; Zalucha, A.; Ueta, T.; Fong, D.; Justtanont, K. 2004, ApJ, 614, 371
49. "Unraveling the Helix Nebula: Its Structure and Knots" O'Dell, C. R.; McCullough, Peter R.; Meixner, Margaret 2004, AJ, 128, 2339
50. "XMM-Newton detection of hot gas in the Eskimo Nebula: Shocked stellar wind or collimated outflows?" Guerrero, M. A.; Chu, Y.-H.; Gruendl, R. A.; Meixner, M. 2005, A&A, 430, L69
51. "Hubble Space Telescope NICMOS Imaging Polarimetry of Proto-Planetary Nebulae: Probing the Dust Shell Structure via Polarized Light" Ueta, Toshiya; Murakawa, Koji; Meixner, Margaret 2005 AJ, 129, 1625

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52. "High resolution H band imaging polarimetry of IRC +10216. The obscured location of the central star" Murakawa, K.; Suto, H.; Oya, S.; Yates, J. A.; Ueta, T.; Meixner, M. 2005, A&A, 436, 601
53. "Detection of a Massive Dust Shell around the Type II Supernova SN 2002hh" Barlow, M. J.; Sugerman, B. E. K.; Fabbri, J.; Meixner, M.; Fisher, R. S.; Bowey, J. E.; Panagia, N.; Ercolano, B.; Clayton, G. C.; Cohen, M.; Gledhill, T.M.; Gordon, K., Tielens, A.G.G.M., Zijlstra, A. 2005, ApJ, 627, L113
54. "The Multitude of Molecular Hydrogen Knots in the Helix Nebula" Meixner, Margaret; McCullough, Peter; Hartman, Joel; Son, Minho; Speck, Angela 2005, AJ, 130, 1784
55. "Proper-Motion Measurements of the Cygnus Egg Nebula", Ueta, T., Murakawa, K., Meixner, M., 2006, ApJ, 641,1113
56. "The Discovery of a Population of Pre-Main Sequence Stars in N66/NGC 346 from deep HST/ACS Images", Nota, A., Sirianni, M., Sabbi, E., Tosi, M., Clampin, M., Gallagher, J., Meixner, M., Oey, S., Pasquali, A., Smith, L. J., Waltherbos, R. & Mack, J. 2006, ApJ, 640, L29
57. "Massive-Star Supernovae as Major Dust Factories," Sugerman, B.E.K., Ercolano, B., Barlow, M.J., Tielens, A.G.G.M., Clayton, G.C., Zijlstra, A.A., Meixner, M., Speck, A., Gledhill, T.M., Panagia, N., Cohen, M., Gordon, K. D., Meyer, M., Fabbri, J., Bowey, J.E., Welch, D.L., Regan, M.W., & Kennicutt, R.C. Jr. 2006, Science, 313, 196
58. "Spitzer Survey of the Large Magellanic Cloud, Surveying the Agents of a Galaxy's Evolution (SAGE) I: Overview and Initial Results," Meixner, M.,; Gordon, K.; Indebetouw, R.; Hora, J.L.; Churchwell, E.B.; Whitney, B.; Blum, R.; Reach, W.; Bernard, J-P.; Meade, M.; Babler, B.; Engelbracht, C.; For, B-Q.; Misselt, K.; Leitherer, C.; Vijh, U.; Cohen, M.; Boulanger, F.; Frogel, J.A.; Fukui, Y.; Gallagher, J.; Gorjian, V.; Harris, J.; Kelly, D.; Kemper, C.; Kawamura, A.; Kim, S.; Latter, W.B.; Madden, S.; Mizuno, A.; Mizuno, N.; Mould, J.; Nota, A.; Oey, S.; Olsen, K.; Onishi, T.; Paladini, R.; Panagia, N.; Perez-Gonzalez, P.; Shibai, H.; Shuji, S.; Smith, L.; Staveley-Smith, L.; Tielens, A.G.G.M.; Ueta, T.; Van Dyk, S.; Volk, K.; Werner, M.; and Zaritsky, D. 2006, AJ, 132, 2268
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