

# Pauline Barmby

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## Education

PhD, Astronomy	Harvard University	2001
AM, Astronomy	Harvard University	1998
B.Sc.(Hons), Physics & Astronomy	University of British Columbia	1995

## Positions Held

Associate Professor	Department of Physics & Astronomy, Western University	2013–present
Assistant Professor	Department of Physics & Astronomy, Western University	2007–2013
Astrophysicist	Smithsonian Astrophysical Observatory	2001–2007

## Research Interests

Observational extragalactic astronomy: galaxy formation, stellar populations, extragalactic star clusters, clusters of galaxies, active galactic nuclei

Astroinformatics: data processing and knowledge discovery in astrophysical data

## Research Grants

Assembling the Big Picture of Nearby Galaxies	\$135k	NSERC Discovery Grant	2013–2018
Far Out: Tracing the Mass in M31	\$16k	Spitzer Science Center	2012
Astroinformatics	\$84k	Western University ADF	2012–2014
Star Formation Histories of Nearby Galaxies	\$125k	NSERC Discovery Grant	2008–2013
Star Formation Histories of Nearby Galaxies	\$140k	Ontario Early Researcher Award	2008–2013
The Local Group Dwarf Spheroidals	\$55k	Spitzer Science Center	2008–2011
Old and New Stars Revealed by Infrared Imaging	\$4k	Western University ADF	2008–2009
Star Formation and Star Clusters in Nearby Galaxies	\$60k	NSERC Discovery Grant	2007–2008
Mass Loss in Cepheid Variables (Co-I)	\$28k	Spitzer Science Center	2006–2009
A Complete Map of M31 with IRAC	\$74k	Spitzer Science Center	2005–2007
Imaging of the Extended Groth Strip (Co-I)	\$7k	Chandra X-ray Center	2004–2006
The Most Massive Star Clusters (Co-I)	\$18k	Space Telescope Science Institute	2004–2006
Stellar Populations in M101 (Co-I)	\$16k	Space Telescope Science Institute	2002–2005

## Teaching Experience

### Courses taught at Western University

Physics 1402	Physics for Engineers II	385 undergrads	2013–14
Astro 9028	Data and Error Analysis (c)	12 grads	
Astro 9610	Fundamentals of Modern Astrophysics (c)	10 grads	
Astro 9612	Fundamentals of Computation (c)	12 grads	2012–13
Physics 1402	Physics for Engineers II	370 undergrads	
Astro 9610	Fundamentals of Modern Astrophysics (c)	7 grads	
Astro 1021	General Astronomy	85 undergrads	2011–12
Physics 1402	Physics for Engineers	180 undergrads	
Astro 9610	Fundamentals of Modern Astrophysics (c)	7 grads	
Astro 1021	General Astronomy	150 undergrads	2010–11
Astro 9610	Introduction to Astrophysics (t)	13 grads	
Physics 1024	Introductory Physics (c)	34 undergrads	2009–10
Astro 4602	Gravitational Astrophysics & Cosmology	10 undergrads	
Astro 1021	General Astronomy	135 undergrads	
Astro 96xx	Galactic and Extragalactic IR Astronomy (c)	6 grads	
Astro 1021	General Astronomy	135 undergrads	2008–09
Physics 9028	Data and Error Analysis (c)	11 grads	
Astro 96xx	Extragalactic Star Formation (reading course)	1 grad	2007–08
Astro 4602	Gravitational Astrophysics & Cosmology	10 undergrads	
Astro 96xx	Galactic and Extragalactic IR Astronomy (c)	6 grads	
Calculus 1000	Calculus I	90 undergrads	

(c) = co-instructor, (t)=team-taught

### Student and postdoctoral supervision at Western University

#### Postdoctoral fellows

- S. Lianou, 2012–present
- M. Azimlu, 2009–2011

#### PhD students

- R. Arnason, 2014–present
- S. Rahmani, 2012–present
- N. Vulic (co-supervised), 2012–present
- R. Marciniak, 2009–2010

#### MSc students

- M. Rafaei-Ravandi, 2013–present
- D. Hemachandra (co-supervised), 2012–2014
- M. Croley, 2011–2013
- G. Farhani, 2011–2012
- J. Agar, 2010–2012

- N. Vulic, 2010–2012
- H. Shiu, 2009–2011
- R. Marciniak, 2008–2009
- D. Valenzo, 2007

### **BSc students**

- G. Keenleyside, 2013–2014
- R. Odell, 2012
- F. Jalilian, 2010
- M. Gracie, 2010
- H. Shiu, 2009
- V. Lyttle, 2008

### **Research assistants and work-study students**

- J. Taylor, 2013
- E. Matlovich, 2013
- N. Hasan, 2008

### **Other student advisory duties**

- Member, Western University student advisory committees, 2007–present
- Examiner & chair, Western University MSc and PhD committees, 2008–present
- Member, McMaster University PhD student committee, 2009–2012
- Member, Harvard University student thesis committees, 2005–2008
- Supervisor, SAO Research Experiences for Undergraduates student M. Roscioli, 2004

### **Fellowships and Awards**

Florence Bucke Prize, Western Faculty of Science	2014
Outreach Award (to entire Astronomy group), Western Faculty of Science	2010
NASA Group Achievement Award (to Spitzer Space Telescope Payload Team)	2004
NSERC Postdoctoral Fellowship (declined)	2001
Graduate Teaching Award, Harvard University	1997, 1999
Margaret Weyerhauser Jewitt Memorial Fellowship, Harvard University	1996
NSERC Postgraduate Scholarship (PGS A, declined)	1995
Canada Scholar	1990–1995

## Professional and Volunteer Activities

### Committee & society memberships

Member	Integrated Science program committee	Western Faculty of Science	2014
Member	workload committee	Western Physics & Astronomy	2014
Member	graduate affairs committee	Western Physics & Astronomy	2013–14
Member	research & awards committee	Western Physics & Astronomy	2013–14
Member	colloquium committee	Western Physics & Astronomy	2012–13
Member	first-year operating committee	Western Faculty of Engineering	2011–14
Member	Appointments committee	Western Physics & Astronomy	2011–12
Chair	Outreach committee	Western Physics & Astronomy	2011–13
Member	NSERC USRA selection committee	Western Faculty of Science	2008–14
Member	Outreach committee	Western Physics & Astronomy	2007–13
Member	CASCA Long Range Plan Implementation Committee		2014–15
Member	scientific organizing committee, “Python in Astronomy”		2014–15
Member	Canada-France-Hawaii Telescope Science Advisory Council		2014–16
Director-at-large	Canadian Astronomical Society (CASCA)		2013–15
Member	Users’ Committee, Gemini Observatory		2013–15
Chair	CASCA Ground-based Astronomy Committee		2013–15
Member	CASCA Ground-based Astronomy Committee		2012–13
Chair	scientific organizing committee, Gemini Science Conference		2012
Member	Canadian Gemini Science Committee		2011–13
Member	local organizing committee, CASCA 2011 general meeting		2010–11
Chair	scientific organizing committee, CASCA 2011 general meeting		2010–11
Member	scientific organizing committee, “The Evolving ISM in the Milky Way and Nearby Galaxies”		2007
Member	<i>Spitzer Space Telescope</i> Users’ Panel		2004–07
Member	American Association of Physics Teachers		2011–present
Member	International Astronomical Union		2009–present
Associate	COSPAR		2008–present
Member	Canadian Astronomical Society		2001–present
Member	American Astronomical Society		1997–present

### Consulting

Textbook reviewer	McGraw-Hill	2013
Textbook reviewer	Cambridge University Press, Nelson Canada	2012
Test bank author	Nelson Canada	2011–2012
Textbook reviewer	W.W. Norton, Cambridge University Press	2010
Textbook reviewer	Cambridge University Press, W.H. Freeman	2009

**Peer review**

Reviewer	Research Foundation – Flanders	2013
Reviewer	NASA Postdoctoral Program	2013
Referee	NSERC Discovery Grants	2011, 2013
Reviewer & deputy panel chair	<i>Chandra X-ray Observatory</i> observing proposal review	2011
Member	<i>Spitzer Space Telescope</i> observing proposal review	2011
Member & panel chair	Canadian Time Allocation Committee (CFHT/Gemini/ JCMT)	2010–2011
Member	Canadian Time Allocation Committee	2008–2011
Reviewer & deputy panel chair	<i>Spitzer Space Telescope</i> observing proposal review	2008
Referee	Gemini and Canada-France-Hawaii Telescope proposals	2007–2008
Panel member	<i>Spitzer Space Telescope</i> observing proposal review	2006
Member	National Science Foundation grant peer review panel	2005
Member	NASA Office of Space Science grant peer review panel	2002
Referee, <i>The Astrophysical Journal</i> , <i>The Astronomical Journal</i> , <i>Astronomy &amp; Astrophysics</i> , <i>Publications of the Astronomical Society of the Pacific</i> , <i>Monthly Notices of the Royal Astronomical Society</i> , 2001–present		

**Public education & outreach**

Scientist-in-Residence	London Regional Children’s Museum	2012
Speaker	Western “Science Here and Now” series	2012
Organizer	Mars Science Laboratory landing event	2012
Speaker	Royal Astronomical Society of Canada London Centre	2012
Presenter	London District Science Fair	2010–2012
Speaker	Western University “Nobel Prize” series	2011
Speaker	Fraser Valley Astronomers Society	2009
Speaker	Jack Chambers Public School	2009–14
Podcaster	“365 Days of Astronomy”	2009, 2012
Speaker	Cronyn Observatory public “Observatory Night”	2008–present
Speaker	“Virtual Researcher on Call”	2008–present
Speaker	“Women in Research” , Museum of Science, Boston	2007
Speaker	Center for Astrophysics public “Observatory Night”	2007
Volunteer	Museum of Science, Boston	2003–2004
Volunteer	The MAD Scientist Network ‘Ask-A-Scientist’ website	1997–2004
Volunteer	RFB&D — audio recording of academic textbooks	1996–2004

**Media interviews**

<i>Star Spot</i> podcast, Western News	2014
Rogers <i>Western Revealed</i> , <i>York Universe</i> podcast	2013
CIXX radio, <i>Earth</i> magazine, The Weather Network, AM980 radio, Western Gazette, CHRW, The Londoner, Metro, CJBK, Blackburn Radio, The Motts, Mohawk College News, London Free Press, CBC Radio/Ontario Morning, The Globe and Mail	2012
CIXX radio, Canadian Press	2011
<i>Bridges</i> career planning website, Asuza Pacific University journalism students	2010
Western University, Massachusetts Institute of Technology journalism students	2009
WDEL radio, Colombian National Public radio	2009
WUML “Sunrise” radio program	2007

**Colloquia and Seminars**

St. Mary’s University	March 2013
Western University (Planetary Science)	March 2013
Western University	September 2012
Swinburne University of Technology	May 2012
University of Toledo	March 2012
Western Washington University	April 2011
University of Rochester	March 2011
McMaster University	February 2010
Royal Military College of Canada	January 2010
University of Alberta	January 2010
University of Toronto	October 2009
Michigan State University	September 2009
Queen’s University	March 2009
Harvard-Smithsonian Center for Astrophysics	February 2009
Trent University	January 2009
University of Minnesota	April 2008
Herzberg Institute of Astrophysics	February 2008
University of Waterloo	January 2008
Western University (undergraduate seminar)	2008, 2009, 2014
Harvard-Smithsonian Center for Astrophysics	November 2006
Wesleyan University	December 2004
University of Rochester	December 2004
Harvard-Smithsonian Center for Astrophysics	September 2001, March 2003
McMaster University	March 2001
European Southern Observatory	December 2000
Carnegie Observatories	November 2000
University of California at Berkeley	November 2000
American Museum of Natural History	October 2000
Dominion Astrophysical Observatory	August 2000

# Publications

Bibliometrics summary from NASA Astrophysics Data Service, 17 February 2014:

- 99 refereed publications, 17 as first-author
- 98 unrefereed conference abstracts, 32 as presenting author
- citations to refereed papers: 7980 total, 951 to first-author, 593 normalized
- *h*-index: 41 overall, 15 to first-author papers, 12 normalized

## Refereed publications

1. Croley, M., Barmby, P., Stock, D., Azimlu, M., and Rosolowsky, E. (2014). “The Andromeda Abundance Gradient”. *MNRAS* 800, 96.
2. Hemachandra, D., Barmby, P., Peeters, E., Smith, D., Gordon, K., Willner, S., Ashby, M., Smith, H., and Fazio, G. (2014). “Andromeda PAHs”. *MNRAS* 800, 96.
3. Lianou, S., Barmby, P., Rémy-Ruyer, A., Madden, S., Galliano, F., and Lebouteiller, V. (2014). “Probing the interstellar medium of NGC1569 with *Herschel*”. *MNRAS* 800, 96.
4. Vulic, N., Gallagher, S. C., and Barmby, P. (2014). “Faint X-Ray Binaries and Their Optical Counterparts in M31”. *ApJ* 800, 96.
5. Agar, J. R. and Barmby, P. (2013). “M31 Globular Cluster Structures and the Presence of X-Ray Binaries”. *AJ* 146, 135, 135.
6. Ashby, M. L. et al. (2013). “SEDS: The Spitzer Extended Deep Survey. Survey Design, Photometry, and Deep IRAC Source Counts”. *ApJ* 769, 80, 80.
7. Huang, J.-S., Faber, S. M., Willmer, C. N., Rigopoulou, D., Koo, D., Newman, J., Shu, C., Ashby, M. L., Barmby, P., Coil, A., Luo, Z., Magdis, G., Wang, T., Weiner, B., Willner, S. P., Zheng, X. Z., and Fazio, G. G. (2013). “Multi-Wavelength Study of a Complete IRAC 3.6  $\mu$ m Selected Galaxy Sample: A Fair Census of Red and Blue Populations at Redshifts 0.4-1.2”. *ApJ* 766, 21, 21.
8. Vulic, N., Barmby, P., and Gallagher, S. C. (2013). “Stacking Star Clusters in M51: Searching for Faint X-Ray Binaries”. *ApJ* 763, 96, 96.
9. Barmby, P. and Jalilian, F. F. (2012). “Comparing Mid-infrared Globular Cluster Colors with Population Synthesis Models”. *AJ* 143, 87, 87.
10. Sánchez-Gallego, J. R., Knapen, J. H., Wilson, C. D., Barmby, P., Azimlu, M., and Courteau, S. (2012). “The JCMT Nearby Galaxies Legacy Survey - VII. H $\alpha$  imaging and massive star formation properties”. *MNRAS* 422, 3208–3248.
11. Willner, S. P., Ashby, M. L., Barmby, P., Chapman, S. C., Coil, A. L., Cooper, M. C., Huang, J.-S., Ivison, R., and Koo, D. C. (2012). “A Fully Identified Sample of AEGIS20 Microjansky Radio Sources”. *ApJ* 756, 72, 72.
12. Wilson, C. D. et al. (2012). “The JCMT Nearby Galaxies Legacy Survey - VIII. CO data and the L<sub>CO(3–2)</sub>-L<sub>FIR</sub> correlation in the SINGS sample”. *MNRAS* 424, 3050–3080.
13. Ashby, M. L., Mahajan, S., Smith, H. A., Willner, S. P., Fazio, G. G., Raychaudhury, S., Zezas, A., Barmby, P., Bonfini, P., Cao, C., González-Alfonso, E., Ishihara, D., Kaneda, H., Lyttle, V., Madden, S., Papovich, C., Sturm, E., Surace, J., Wu, H., and Zhu, Y.-N. (2011). “The Star Formation Reference Survey. I. Survey Description and Basic Data”. *PASP* 123, 1011–1029.
14. Azimlu, M., Marciniak, R., and Barmby, P. (2011). “A New Catalog of H II Regions in M31”. *AJ* 142, 139, 139.
15. Barmby, P., Marengo, M., Evans, N. R., Bono, G., Huelsman, D., Su, K. Y., Welch, D. L., and Fazio, G. G. (2011). “Galactic Cepheids with Spitzer. II. Search for Extended Infrared Emission”. *AJ* 141, 42, 42.

16. Domínguez, A., Primack, J. R., Rosario, D. J., Prada, F., Gilmore, R. C., Faber, S. M., Koo, D. C., Somerville, R. S., Pérez-Torres, M. A., Pérez-González, P., Huang, J.-S., Davis, M., Guhathakurta, P., Barmby, P., Conselice, C. J., Lozano, M., Newman, J. A., and Cooper, M. C. (2011). “Extragalactic background light inferred from AEGIS galaxy-SED-type fractions”. *MNRAS* 410, 2556–2578.
17. Sánchez-Gallego, J. R., Knapen, J. H., Heiner, J. S., Wilson, C. D., Warren, B. E., Allen, R. J., Azimlu, M., Barmby, P., Bendo, G. J., Comerón, S., Israel, F. P., Serjeant, S., Tilanus, R. P., Vlahakis, C., and van der Werf, P. (2011). “The JCMT Nearby Galaxies Legacy Survey. VI. The distribution of gas and star formation in M 81”. *A&A* 527, A16, A16.
18. Yan, R. et al. (2011). “AEGIS: Demographics of X-ray and Optically Selected Active Galactic Nuclei”. *ApJ* 728, 38, 38.
19. Aird, J., Nandra, K., Laird, E. S., Georgakakis, A., Ashby, M. L., Barmby, P., Coil, A. L., Huang, J.-S., Koekemoer, A. M., Steidel, C. C., and Willmer, C. N. (2010). “The evolution of the hard X-ray luminosity function of AGN”. *MNRAS* 401, 2531–2551.
20. Kong, A. K., Heinke, C. O., di Stefano, R., Cohn, H. N., Lugger, P. M., Barmby, P., Lewin, W. H., and Primini, F. A. (2010). “Localization of the X-ray source in the globular cluster G1 with Chandra”. *MNRAS* 407, L84–L88.
21. Landt, H., Buchanan, C. L., and Barmby, P. (2010). “On the dust geometry in radio-loud active galactic nuclei”. *MNRAS* 408, 1982–1997.
22. Marengo, M., Evans, N. R., Barmby, P., Bono, G., Welch, D. L., and Romaniello, M. (2010). “Galactic Cepheids with Spitzer. I. Leavitt Law and Colors”. *ApJ* 709, 120–134.
23. Marengo, M., Evans, N. R., Barmby, P., Matthews, L. D., Bono, G., Welch, D. L., Romaniello, M., Huelsman, D., Su, K. Y., and Fazio, G. G. (2010). “An Infrared Nebula Associated with  $\delta$  Cephei: Evidence of Mass Loss?” *ApJ* 725, 2392–2400.
24. Nantais, J. B., Huchra, J. P., Barmby, P., and Olsen, K. A. (2010). “Nearby Spiral Galaxy Globular Cluster Systems. II. Globular Cluster Metallicities in NGC 300”. *AJ* 139, 1178–1189.
25. Park, S. Q., Barmby, P., Willner, S. P., Ashby, M. L., Fazio, G. G., Georgakakis, A., Ivison, R. J., Konidakis, N. P., Miyazaki, S., Nandra, K., and Rosario, D. J. (2010). “AEGIS: A Multiwavelength Study of Spitzer Power-law Galaxies”. *ApJ* 717, 1181–1201.
26. Perina, S., Cohen, J. G., Barmby, P., Beasley, M. A., Bellazzini, M., Brodie, J. P., Federici, L., Fusi Pecci, F., Galletti, S., Hodge, P. W., Huchra, J. P., Kissler-Patig, M., Puzia, T. H., and Strader, J. (2010). “An HST/WFPC2 survey of bright young clusters in M 31. IV. Age and mass estimates”. *A&A* 511, A23, A23.
27. Barmby, P., Boyer, M. L., Woodward, C. E., Gehrz, R. D., van Loon, J. T., Fazio, G. G., Marengo, M., and Polonski, E. (2009). “A Spitzer Search for Cold Dust Within Globular Clusters”. *AJ* 137, 207–217.
28. Barmby, P., Perina, S., Bellazzini, M., Cohen, J. G., Hodge, P. W., Huchra, J. P., Kissler-Patig, M., Puzia, T. H., and Strader, J. (2009). “A Hubble Space Telescope/WFPC2 Survey of Bright Young Clusters in M31. III. Structural Parameters”. *AJ* 138, 1667–1680.
29. Hicken, M. et al. (2009). “CfA3: 185 Type Ia Supernova Light Curves from the CfA”. *ApJ* 700, 331–357.
30. Hodge, P. W., Krienke, O. K., Bellazzini, M., Perina, S., Barmby, P., Cohen, J. G., Puzia, T. H., and Strader, J. (2009). “An HST/WFPC Survey of Bright Young Clusters in M31. II. Photometry of Less Luminous Clusters in the Fields”. *AJ* 138, 770–779.
31. Laird, E. S., Nandra, K., Georgakakis, A., Aird, J. A., Barmby, P., Conselice, C. J., Coil, A. L., Davis, M., Faber, S. M., Fazio, G. G., Guhathakurta, P., Koo, D. C., Sarajedini, V., and Willmer, C. N. (2009). “AEGIS-X: the Chandra Deep Survey of the Extended Groth Strip”. *ApJS* 180, 102–116.
32. Perina, S., Barmby, P., Beasley, M. A., Bellazzini, M., Brodie, J. P., Burstein, D., Cohen, J. G., Federici, L., Fusi Pecci, F., Galletti, S., Hodge, P. W., Huchra, J. P., Kissler-Patig, M., Puzia, T. H., and Strader, J. (2009). “An HST/WFPC2 survey of bright young clusters in M31. I. VdB0, a massive star cluster seen at  $t \sim 25$  Myr”. *A&A* 494, 933–948.



33. Barmby, P., Huang, J.-S., Ashby, M. L., Eisenhardt, P. R., Fazio, G. G., Willner, S. P., and Wright, E. L. (2008). “A Catalog of Mid-Infrared Sources in the Extended Groth Strip”. *ApJS* 177, 431–445.
34. Eisenhardt, P. R., Brodwin, M., Gonzalez, A. H., Stanford, S. A., Stern, D., Barmby, P., Brown, M. J., Dawson, K., Dey, A., Doi, M., Galametz, A., Jannuzi, B. T., Kochanek, C. S., Meyers, J., Morokuma, T., and Moustakas, L. A. (2008). “Clusters of Galaxies in the First Half of the Universe from the IRAC Shallow Survey”. *ApJ* 684, 905–932.
35. Georgakakis, A., Nandra, K., Yan, R., Willner, S. P., Lotz, J. M., Pierce, C. M., Cooper, M. C., Laird, E. S., Koo, D. C., Barmby, P., Newman, J. A., Primack, J. R., and Coil, A. L. (2008). “The role of AGN in the colour transformation of galaxies at redshifts  $z \sim 1$ ”. *MNRAS* 385, 2049–2060.
36. Gorjian, V., Brodwin, M., Kochanek, C. S., Murray, S., Stern, D., Brand, K., Eisenhardt, P. R., Ashby, M. L., Barmby, P., Brown, M. J., Dey, A., Forman, W., Jannuzi, B. T., Jones, C., Kenter, A. T., Pahre, M. A., Shields, J. C., Werner, M. W., and Willner, S. P. (2008). “The Mid-Infrared Properties of X-Ray Sources”. *ApJ* 679, 1040–1046.
37. Hora, J. L., Carey, S., Surace, J., Marengo, M., Lowrance, P., Glaccum, W. J., Lacy, M., Reach, W. T., Hoffmann, W. F., Barmby, P., Willner, S. P., Fazio, G. G., Megeath, S. T., Allen, L. E., Bhattacharya, B., and Quijada, M. (2008). “Photometry using the Infrared Array Camera on the Spitzer Space Telescope”. *PASP* 120, 1233–1243.
38. McLaughlin, D. E., Barmby, P., Harris, W. E., Forbes, D. A., and Harris, G. L. (2008). “Structural parameters for globular clusters in NGC 5128 - III. ACS surface brightness profiles and model fits”. *MNRAS* 384, 563–590.
39. Mould, J., Barmby, P., Gordon, K., Willner, S. P., Ashby, M. L., Gehrz, R. D., Humphreys, R., and Woodward, C. E. (2008). “A Point-Source Survey of M31 with the Spitzer Space Telescope”. *ApJ* 687, 230–241.
40. Park, S. Q., Barmby, P., Fazio, G. G., Nandra, K., Laird, E. S., Georgakakis, A., Rosario, D., Willner, S. P., Rieke, G. H., Ashby, M. L., Ivison, R. J., Coil, A. L., and Miyazaki, S. (2008). “AEGIS: Radio and Mid-Infrared Selection of Obscured AGN Candidates”. *ApJ* 678, 744–750.
41. Barmby, P., McLaughlin, D. E., Harris, W. E., Harris, G. L., and Forbes, D. A. (2007). “Structural Parameters for Globular Clusters in M31 and Generalizations for the Fundamental Plane”. *AJ* 133, 2764–2786.
42. Davis, M. et al. (2007). “The All-Wavelength Extended Groth Strip International Survey (AEGIS) Data Sets”. *ApJL* 660, L1–L6.
43. Gerke, B. F., Newman, J. A., Lotz, J., Yan, R., Barmby, P., Coil, A. L., Conselice, C. J., Ivison, R. J., Lin, L., Koo, D. C., Nandra, K., Salim, S., Small, T., Weiner, B. J., Cooper, M. C., Davis, M., Faber, S. M., and Guhathakurta, P. (2007). “The DEEP2 Galaxy Redshift Survey: AEGIS Observations of a Dual AGN at  $z = 0.7$ ”. *ApJL* 660, L23–L26.
44. Huang, J.-S., Rigopoulou, D., Papovich, C., Ashby, M. L., Willner, S. P., Ivison, R., Laird, E. S., Webb, T., Wilson, G., Barmby, P., Chapman, S., Conselice, C., McLeod, B., Shu, C. G., Smith, H. A., Le Floc’h, E., Egami, E., Willmer, C. A., and Fazio, G. G. (2007). “AEGIS: Infrared Spectroscopy of an Infrared-luminous Lyman Break Galaxy at  $z=3.01$ ”. *ApJL* 660, L69–L72.
45. Huang, J.-S. et al. (2007). “The Local Galaxy 8  $\mu$ m Luminosity Function”. *ApJ* 664, 840–849.
46. Le Floc’h, E. et al. (2007). “Far-Infrared Characterization of an Ultraluminous Starburst Associated with a Massively Accreting Black Hole at  $z=1.15$ ”. *ApJL* 660, L65–L68.
47. Noeske, K. G. et al. (2007). “Star Formation in AEGIS Field Galaxies since  $z=1.1$ : The Dominance of Gradually Declining Star Formation, and the Main Sequence of Star-forming Galaxies”. *ApJL* 660, L43–L46.
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