

FELIPE MENANTEAU

Curriculum Vitae

National Center for Supercomputing Applications
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Citizenship: United States of America and Chile (dual)

EMPLOYMENT:

- **2013–** Research Scientist, Dark Energy Survey, National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign, Urbana, IL, USA.
- **2013–** Associate Research Professor, Department of Astronomy, University of Illinois at Urbana-Champaign, Urbana, IL, USA.
- **2006–2013** Research Associate/Southern Cosmology Survey Fellow for the Atacama Cosmology Telescope (ACT), Rutgers University, Piscataway, NJ, USA.
- **2002–2006** Associate Research Scientist, Advanced Camera for Surveys (ACS), Johns Hopkins University, Baltimore, MD, USA.
- **2000–2002** Gemini Fellow at the Observatories of the Carnegie Institution of Washington, Pasadena, CA, USA.
- **1995–1996** Research Assistant at the Astronomy and Astrophysics Department, P. Universidad Católica de Chile, Santiago, Chile.

EDUCATION:

- **1996–2000** Ph.D. in Astrophysics, Institute of Astronomy, Cambridge University, UK, supervised by Prof. Richard Ellis. Thesis title “The Evolutionary History of Elliptical Galaxies”
- **1992–1996** Licenciado en Física (B. Sc. Physics, with Highest Honors,) at the P. Universidad Católica de Chile, supervised by Prof. Leopoldo Infante. Thesis title “Faint Galaxies in Equatorial Fields, Associations at Small Angular Scales”.

RESEARCH INTERESTS:

Observational Cosmology. Sunyaev-Zeldovich effect. Using galaxy clusters to probe the growth of structure. Investigating cluster physics. The formation and evolution of early-type galaxies. Environmental effects on galaxy properties. Development of data analysis pipelines for large surveys, algorithms for data mining.

PROFESSIONAL EXPERIENCE

- *Large Projects:*
 - **2011–** Member of the XXL: The ultimate *XMM* extragalactic survey collaboration. The XXL will map two extragalactic regions of 25 deg^2 and it is the largest *XMM* project approved to date ($> 6\text{Ms}$ in total).
 - **2010–** Member of the Large Synoptic Survey Telescope (LSST) Science Collaboration Team on Large-scale Structure/Baryon Oscillations.

- **2009**– Member of ACTPol (NSF funded through 2015), a new generation instrument on the Atacama Cosmology Telescope that will add polarization sensitivity to measure small angular scale polarization anisotropies in the CMB and will discover thousands of new massive galaxy clusters over $> 2\pi$ of the sky at all redshifts using the Sunyaev-Zel'dovich effect.
 - **2006**– Member of Atacama Cosmology Telescope (ACT) project. ACT is a 6-m diameter telescope with a sensitive mm-wave band camera custom designed to survey the CMB on arcminute angular scales. One of the goals of the project is to find galaxy clusters through the Sunyaev-Zel'dovich effect, which arises when hot electrons in the cluster inverse Compton scatter cold CMB photons.
 - **2002–2010** Member of the ACS/GTO Science Team, comprising a total of 553 orbits on Hubble Space Telescope (HST) aimed to characterize of the evolution of galaxies and clusters of galaxies at redshifts between 0.2 and 6.
- *Professional Service:*
 - Member for the Committee on the Status of Minorities in Astronomy (CSMA) for the American Astronomical Society (2007-2009).
 - Speaker for The Harlow Shapley Visiting Lectureship Program of the American Astronomical Society.
 - NSF Panel Member for Extragalactic Astronomy & Cosmology in the Astronomy Division, Arlington, VA, March 2005.
 - Referee for the Astrophysical Journal (ApJ), Astronomy & Astrophysics (A&A) journal and Monthly Notices of Royal Astronomical Society (MNRAS).
 - Referee for Comisión Nacional de Investigación Científica y Tecnológica (Conycit), Chile (2009-2011).
 - *Recent Talks, Lectures and Workshops (4 years):*
 - Sesto-2013, Tracing Cosmic Evolution with Clusters of Galaxies, Sesto Italy, Jul 2013.
 - Ohio University, Physics Colloquium, Apr 2013.[†]
 - SnowCLUSTER 2013, Physics of Galaxy Clusters, Utah, Mar 2013.[†]
 - University of Alabama Huntsville, Physics Colloquium, Mar 2013.[†]
 - Rutgers University, Astronomy Seminar, Nov 2012.[†]
 - MPE Ringberg Workshop, Galaxy Clusters and Cosmology, Nov 2012.[‡]
 - Universidad de Chile, DAA, Astronomy Colloquium, Nov 2012.[†]
 - Pontificia Universidad Católica de Chile, Astronomy Colloquium, Nov 2012.[†]
 - Los Alamos National Laboratory, LA-Astro Seminar (T-2), Oct 2012.[†]
 - ESAC, Growing-up at high redshift, Madrid, Sep 2012.[‡]
 - Princeton University, Hot Gas in Clusters, Apr 2012.[†]
 - MPE, Garching, Astrophysics Seminar, Mar 2012.[†]
 - University of Texas, San Antonio, Astronomy Colloquium, Mar 2012.[†]
 - XXL Consortium, Paris Versailles, Feb 2012.
 - Chilean Air Force Academy, Chile, Oct 2011.[†]
 - SZX HUNTSVILLE, Huntsville, Sep 2011.
 - A New Era for SZ Science, Santander Spain, Jun 2011.
 - University of Texas, Dallas, Physics Colloquium, Mar 2011.[†]
 - University of Toledo, Physics Colloquium, Mar 2011.[†]

- New Worlds New Horizons NRAO, Santa Fe, Mar 2011.
- W. M. Keck Observatory, Astronomy Lunch, Feb 2011.[†]
- PIRE Workshop, Durban, South Africa, Jan 2011.[†]
- AAS Special Session SZ/optical Surveys, Seattle, Jan 2011.[†]
- Rutgers Astronomy Seminar, Nov 2010.[†]
- CLJ2010+0628 Massive Galaxy Formation to Dark Energy, Kashiwa, Japan, Jun 2010.
- CTIO/Gemini Astronomy Colloquium, Jan 2010.[†]
- Rutgers/PUC Astrophysics Workshop, PUC, Chile, Dec 2009.[†]
- Yale/WIYN ODI Workshop, Yale University, Oct 2009
- PIRE Workshop, University of Pennsylvania, Aug 2009.[†]
- SZ/APEX Bonn University, Jul 2009.

[†] Denotes invited Talk.

[‡] Denotes invited Speaker.

- *Observing experience:*

- Gemini-S Telescope. Visitor/Service mode for multi-object spectroscopy of faint galaxies with GMOS (200 hrs).
- ESO Very Large Telescope (VLT). Visitor/Service using FORS1/FORS2 for spectroscopy (MOS/MXU) and imaging of faint galaxies (80 hrs).
- Magellan I and II Telescope Baade. Visitor mode, using LDSS2 in multiobject spectroscopy mode (9 nights).
- SOAR observer, SOI direct imaging (9 nights).
- NTT observer, EFOSC2 direct imaging (4 nights).
- Blanco 4-m, MOSAICII direct imaging (3 nights)
- LCO Dupont Telescope. Single observer doing direct CCD imaging and multi-object spectroscopy (15 nights).
- The University of California, Keck I Telescope. Spectroscopy of faint galaxies using LRIS (2 nights).
- The University of Hawaii 2.2m Telescope: Single observer using the QUIRC NIR camera on direct CCD imaging of faint galaxies (9 nights).

- *Media Coverage:*

- **Jan 2012**, NASA HQ, Chandra and ESO issued Press Releases on the discovery of "El Gordo" as the most massive and hottest galaxy cluster in the distant universe using the Atacama Cosmology Telescope (Menanteau et al. 2012). The story was featured on CNN, BBC, NPR, PBS, MSNBC and WIRED among others. I was interviewed by Melissa Block on NPR's "All Things Considered".
- **Nov 2011**, Rutgers Media Relations issued a Press Release on the Clusters of Galaxies we discovered using the Atacama Cosmology Telescope (Menanteau et al. 2010). It was featured by Astronomy Magazine, Discovery News and La Tercera (Spanish) among others.

- *Functional/Development:*

- **2006**– Developed and implemented the BCS/Rutgers pipeline to process 100 square degrees of optical data in southern sky obtained with the NOAO Blanco 4m telescope between 2005 and 2007.

- **2002–2010** Member of the ACS Science Pipeline Team at JHU. In charge of developing, implementing and coding the pipeline data Quality Assessment tools prototypes.
- *Teaching experience:*
 - **2012** Mentor for Douglass Project for Rutgers Undergraduate Women in Math, Science, and Engineering at Rutgers University.
 - **2012** Guest Lecturer (for Prof. Hughes) in Physics 109/110, Astronomy and Cosmology for non-science majors, Rutgers University, Spring 2012. Over 300 students in total.
 - **2009** Shapley Lecturer for the American Astronomical Society.
 - **2008–2009** Co-I with Prof. Andrew Baker (Rutgers) on a Hubble Space Telescope Education and Public Outreach program (2008–2009) aimed to infuse astrophysics into the physics curriculum program at a Newark (NJ) magnet school.
 - **2008** Science honor society speaker, Newark Science Park High School, Newark, NJ.
 - **2007–2008** Guest Lecturer (for Profs Gawiser and Hughes) in Physics 109/110, Astronomy and Cosmology for non-science majors, Rutgers University, Fall 2007, Fall 2008. Over 300 students in total.
 - **2007–2009** Guest Lecturer in Honors Seminar “Einstein” (for Prof. Hughes) Spring 2008 and Fall 2009.
 - **2006–2009** Invited Lecturer at the series of Cosmology PIRE Summer School, organized by Princeton University and held in Princeton, PUC/Chile, South Africa and UPenn.
 - **2004** Guest Lecturer at the 2nd Advanced Latin American Summer School of Astrophysics.
 - **1998** Teaching Assistant in General Physics, Clare College, University of Cambridge.
 - **1992–1996** Teaching Assistant with groups of 50+ students in General Physics for Physics and Arts students, P. Universidad Católica de Chile.
 - **1995–1996** Laboratory Assistant with groups of over 30 students in “General Physics for Physics students”, P. Universidad Católica de Chile.

GRANTS:

- **2012** \$10,000 NOAO/Gemini Travel Grant
- **2011** \$5,000 NOAO/Gemini Travel Grant
- **2011** \$44,500 Spitzer Cycle-8 GO Program
- **2010** \$5,000 NOAO/Gemini Travel Grant
- **2010** \$54,400 Spitzer Cycle-7 GO Program
- **2006** \$32,043 STScI HST-GO-10872-11
- **2005** \$63,857 STScI HST-GO-10403.14

SKILLS

- *Computer skills:* Experience working in UNIX and Linux systems. Proficient programmer in Fortran, Python, Perl and PDL, and familiar with SPP, IDL and coding HTML. Linux system administrator. Developed and maintained public astronomical python modules, including automatic morphology of galaxies.
- *Leadership skills:*
 - **1993–1995** President of the Physics Student Union, P. Universidad Católica de Chile.

– 1990–1991 President of the Student Union, Colegio Calasanz, Santiago, Chile.

- *Languages:* Fluent in Spanish (native) and English.

FELLOWSHIPS AND AWARDS:

- 2000–2002 Gemini Fellowship, AURA at Carnegie Observatories of the Carnegie Institution of Washington, Pasadena, CA, USA.
- 1999–2000 Isaac Newton Scholarship, Trinity College, Cambridge.
- 1996–1999 Fundación Andes-Gemini PhD Scholarship Program in Astronomy and Astrophysics in the United Kingdom, Santiago, Chile
- 1996–1999 Bursar Scholarship, Clare Hall, Cambridge.
- 1993–1995 Highest Honors Scholarship, for best yearly academic achievement, Physics Department, P. Universidad Católica de Chile.
- 1992 Matriculation Scholarship, for highest ranking score on entrance test to the “Licenciatura en Física” career.

REFERENCES:

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[†]The publications listed below have received more than 4000 citations, with an h -index of 36.

PAPERS IN REFEREED JOURNALS:

86. Jee, M. J., Hughes, J. P., **Menanteau, F.**, Sifon, C., Mandelbaum, R., Barrientos, L. F., Infante, L., Ng, K. Y., “Weighing ”El Gordo” with a Precision Scale: Hubble Space Telescope Weak-lensing Analysis of the Merging Galaxy Cluster ACT-CL J0102-4915 at $z=0.87$ ”, 2013, arXiv, arXiv:1309.5097,
85. Lindner, R. R., Baker, A. J., Hughes, J. P., Battaglia, N., Gupta, N., Knowles, K., Marriage, T. A., **Menanteau, F.**, Moodley, K., Reese, E. D., Srianand, R., “The Radio Relics and Halo of El Gordo, a Massive $z = 0.870$ Cluster Merger”, 2013, arXiv, arXiv:1310.6786,
84. Gralla, M. B., Crichton, D., Marriage, T. A., Mo, W., Aguirre, P., Addison, G. E., Asboth, V., Battaglia, N., Bock, J., Bond, J. R., Devlin, M. J., Dunner, R., Hajian, A., Halpern, M., Hilton, M., Hincks, A. D., Hlozek, R. A., Huppenberger, K. M., Hughes, J. P., Ivison, R. J., Kosowsky, A., Lin, Y.-T., Marsden, D., **Menanteau, F.**, Moodley, K., Morales, G., Niemack, M. D., Oliver, S., Page, L. A., Partridge, B., Reese, E. D., Rojas, F., Sehgal, N., Sievers, J., Sifon, C., Spergel, D. N., Staggs, S. T., Switzer, E. R., Viero, M. P., Wollack, E. J., Zemcov, M. B., “A Measurement of the Millimeter Emission and the Sunyaev-Zel’dovich Effect Associated with Low-Frequency Radio Sources”, 2013, arXiv, arXiv:1310.8281,
83. Sifón, C., **Menanteau, F.**, Hughes, J. P., Carrasco, M., Barrientos, L. F., “Strong Lensing Mass of a Galaxy Cluster Discovered by the Planck Satellite”, 2013, arXiv, arXiv:1304.0686,
82. **Menanteau, F.**, Sifón, C., Barrientos, L. F., Battaglia, N., Bond, J. R., Crichton, D., Das, S., Devlin, M. J., Dunner, R., Gralla, M., Hajian, A., Hasselfield, M., Hilton, M., Hincks, A. D., Hughes, J. P., Infante, L., Kosowsky, A., Marriage, T. A., Marsden, D., Moodley, K., Niemack, M. D., Nolte, M. R., Page, L. A., Partridge, B., Reese, E. D., Schmitt, B. L., Sievers, J., Spergel, D. N., Staggs, S. T., Switzer, E., Wollack, E. J., “The Atacama Cosmology Telescope: Physical Properties of Sunyaev-Zel’dovich Effect Clusters on the Celestial Equator”, 2013, ApJ, 67, 765
81. Zitrin, A., **Menanteau, F.**, Hughes, J. P., Coe, D., Barrientos, L. F., Infante, L., Mandelbaum, R., “A Highly Elongated Prominent Lens at $z = 0.87$: First Strong-lensing Analysis of El Gordo”, 2013, ApJ, L15, 770
80. Aguirre, P., Baker, A. J., **Menanteau, F.**, Lutz, D., Tacconi, L. J., “High-resolution Near-infrared Imaging of Submillimeter Galaxies”, 2013, ApJ, 164, 768
79. Sifón, C., **Menanteau, F.**, Hasselfield, M., Marriage, T. A., Hughes, J. P., Barrientos, L. F., Gonzalez, J., Infante, L., Addison, G. E., Baker, A. J., Battaglia, N., Bond, J. R., Das, S., Devlin, M. J., Dunkley, J., Dunner, R., Gralla, M. B., Hajian, A., Hilton, M., Hincks, A. D., Kosowsky, A. B., Marsden, D., Moodley, K., Niemack, M. D., Nolte, M. R., Page, L. A., Partridge, B., Reese, E. D., Sehgal, N., Sievers, J., Spergel, D. N., Staggs, S. T., Thornton, R. J., Trac, H., Wollack, E., “The Atacama Cosmology Telescope: Dynamical Masses and Scaling Relations for a Sample of Massive Sunyaev-Zel’dovich Effect Selected Galaxy Clusters”, 2013, ApJ, 25, 772
78. **Menanteau, F.**, Hughes, J. P., Sifon, C., Hilton, M., Gonzalez, J., Infante, L., Barrientos, L. F., Baker, A. J., Das, S., Devlin, M. J., Dunkley, J., Hincks, A. D., Kosowsky, A., Marsden, D., Marriage, T. A., Moodley, K., Niemack, M. D., Page, L. A., Reese, E. D., Sehgal, N., Sievers, J., Spergel, D. N., Staggs, S. T., Wollack, E., “The Atacama Cosmology Telescope: ACT-CL J0102-4915 ”El Gordo,” a Massive Merging Cluster at Redshift 0.87”, 2012, ApJ, 748, 7.

77. Marsden, D., Gralla, M., Marriage, T. A., Switzer, E. R., Partridge, B., Massardi, M., Morales, G., Addison, G., Bond, J., Crichton, D., Das, S., Devlin, M., Dunner, R., Hajian, A., Hilton, M., Hincks, A., Hughes, J. P., Irwin, K., Kosowsky, A., **Menanteau, F.**, Moodley, K., Niemack, M., Page, L., Reese, E. D., Schmitt, B., Sehgal, N., Sievers, J., Staggs, S., Swetz, D., Thornton, R., Wollack, E., “The Atacama Cosmology Telescope: Dusty Star-Forming Galaxies and Active Galactic Nuclei in the Southern Survey”, 2013, arXiv, arXiv:1306.2288,
76. Hasselfield, M., Hilton, M., Marriage, T. A., Addison, G. E., Barrientos, L. F., Battaglia, N., Battistelli, E. S., Bond, J. R., Crichton, D., Das, S., Devlin, M. J., Dicker, S. R., Dunkley, J., Dunner, R., Fowler, J. W., Gralla, M. B., Hajian, A., Halpern, M., Hincks, A. D., Hlozek, R., Hughes, J. P., Infante, L., Irwin, K. D., Kosowsky, A., Marsden, D., **Menanteau, F.**, Moodley, K., Niemack, M. D., Nolte, M. R., Page, L. A., Partridge, B., Reese, E. D., Schmitt, B. L., Sehgal, N., Sherwin, B. D., Sievers, J., Sifton, C., Spergel, D. N., Staggs, S. T., Swetz, D. S., Switzer, E. R., Thornton, R., Trac, H., Wollack, E. J., “The Atacama Cosmology Telescope: Sunyaev-Zel’dovich Selected Galaxy Clusters at 148 GHz from Three Seasons of Data”, 2013, JCAP, 8, 7
75. Das, S., Louis, T., Nolte, M. R., Addison, G. E., Battistelli, E. S., Bond, J., Calabrese, E., Devlin, D. C. M. J., Dicker, S., Dunkley, J., Dunner, R., Fowler, J. W., Gralla, M., Hajian, A., Halpern, M., Hasselfield, M., Hilton, M., Hincks, A. D., Hlozek, R., Huppenberger, K. M., Hughes, J. P., Irwin, K. D., Kosowsky, A., Lupton, R. H., Marriage, T. A., Marsden, D., **Menanteau, F.**, Moodley, K., Niemack, M. D., Page, L. A., Partridge, B., Reese, E. D., Schmitt, B. L., Sehgal, N., Sherwin, B. D., Sievers, J. L., Spergel, D. N., Staggs, S. T., Swetz, D. S., Switzer, E. R., Thornton, R., Trac, H., Wollack, E., “The Atacama Cosmology Telescope: Temperature and Gravitational Lensing Power Spectrum Measurements from Three Seasons of Data”, 2013, arXiv, arXiv:1301.1037,
74. Sievers, J. L., Hlozek, R. A., Nolte, M. R., Acquaviva, V., Addison, G. E., Ade, P. A. R., Aguirre, P., Amiri, M., Appel, J. W., Barrientos, L. F., Battistelli, E. S., Battaglia, N., Bond, J. R., Brown, B., Burger, B., Calabrese, E., Chervenak, J., Crichton, D., Das, S., Devlin, M. J., Dicker, S. R., Bertrand Doriese, W., Dunkley, J., Dunner, R., Essinger-Hileman, T., Faber, D., Fisher, R. P., Fowler, J. W., Gallardo, P., Gordon, M. S., Gralla, M. B., Hajian, A., Halpern, M., Hasselfield, M., Hernandez-Monteagudo, C., Hill, J. C., Hilton, G. C., Hilton, M., Hincks, A. D., Holtz, D., Huppenberger, K. M., Hughes, D. H., Hughes, J. P., Infante, L., Irwin, K. D., Jacobson, D. R., Johnstone, B., Baptiste Juin, J., Kaul, M., Klein, J., Kosowsky, A., Lau, J. M., Limon, M., Lin, Y.-T., Louis, T., Lupton, R. H., Marriage, T. A., Marsden, D., Martocci, K., Mauskopf, P., McLaren, M., **Menanteau, F.**, Moodley, K., Moseley, H., Netterfield, C. B., Niemack, M. D., Page, L. A., Page, W. A., Parker, L., Partridge, B., Plimpton, R., Quintana, H., Reese, E. D., Reid, B., Rojas, F., Sehgal, N., Sherwin, B. D., Schmitt, B. L., Spergel, D. N., Staggs, S. T., Stryzak, O., Swetz, D. S., Switzer, E. R., Thornton, R., Trac, H., Tucker, C., Uehara, M., Visnjic, K., Warne, R., Wilson, G., Wollack, E., Zhao, Y., Zuncke, C., “The Atacama Cosmology Telescope: Cosmological parameters from three seasons of data”, 2013, arXiv, arXiv:1301.0824,
73. Hilton, M., Hasselfield, M., Sifton, C., Baker, A. J., Barrientos, L. F., Battaglia, N., Bond, J. R., Crichton, D., Das, S., Devlin, M. J., Gralla, M., Hajian, A., Hincks, A. D., Hughes, J. P., Infante, L., Irwin, K. D., Kosowsky, A., Lin, Y.-T., Marriage, T. A., Marsden, D., **Menanteau, F.**, Moodley, K., Niemack, M. D., Nolte, M. R., Page, L. A., Reese, E. D., Sievers, J., Spergel, D. N., Wollack, E. J., “The Atacama Cosmology Telescope: the stellar content of galaxy clusters selected using the Sunyaev-Zel’dovich effect”, 2013, arXiv, arXiv:1301.0780,
72. Dunkley, J., Calabrese, E., Sievers, J., Addison, G. E., Battaglia, N., Battistelli, E. S., Bond, J. R., Das, S., Devlin, M. J., Dunner, R., Fowler, J. W., Gralla, M., Hajian, A., Halpern, M., Hasselfield, M., Hincks, A. D., Hlozek, R., Hughes, J. P., Irwin, K. D., Kosowsky, A., Louis, T., Marriage, T. A., Marsden, D., **Menanteau, F.**, Moodley, K., Niemack, M., Nolte, M. R., Page, L. A., Partridge, B., Sehgal, N., Spergel, D. N., Staggs, S. T., Switzer, E. R., Trac, H., Wollack, E., “The Atacama Cosmology Telescope: likelihood for small-scale CMB data”, 2013, JCAP, 25, 7
71. Hand, N., Addison, G. E., Aubourg, E., Battaglia, N., Battistelli, E. S., Bizyaev, D., Bond, J. R., Brewington, H., Brinkmann, J., Brown, B. R., Das, S., Dawson, K. S., Devlin, M. J., Dunkley,

- J., Dunner, R., Eisenstein, D. J., Fowler, J. W., Gralla, M. B., Hajian, A., Halpern, M., Hilton, M., Hincks, A. D., Hlozek, R., Hughes, J. P., Infante, L., Irwin, K. D., Kosowsky, A., Lin, Y.-T., Malanushenko, E., Malanushenko, V., Marriage, T. A., Marsden, D., **Menanteau, F.**, Moodley, K., Niemack, M. D., Nolte, M. R., Oravetz, D., Page, L. A., Palanque-Delabrouille, N., Pan, K., Reese, E. D., Schlegel, D. J., Schneider, D. P., Sehgal, N., Shelden, A., Sievers, J., Sifon, C., Simmons, A., Snedden, S., Spergel, D. N., Staggs, S. T., Swetz, D. S., Switzer, E. R., Trac, H., Weaver, B. A., Wollack, E. J., Yèche, C., Zunckel, C., “Evidence of Galaxy Cluster Motions with the Kinematic Sunyaev-Zel’dovich Effect”, 2012, *PhRvL*, 041101, 109
70. Sherwin, B. D., Das, S., Hajian, A., Addison, G., Bond, J. R., Crichton, D., Devlin, M. J., Dunkley, J., Gralla, M. B., Halpern, M., Hill, J. C., Hincks, A. D., Hughes, J. P., Huppenberger, K., Hlozek, R., Kosowsky, A., Louis, T., Marriage, T. A., Marsden, D., **Menanteau, F.**, Moodley, K., Niemack, M. D., Page, L. A., Reese, E. D., Sehgal, N., Sievers, J., Sifon, C., Spergel, D. N., Staggs, S. T., Switzer, E. R., Wollack, E., “The Atacama Cosmology Telescope: Cross-Correlation of CMB Lensing and Quasars”, 2012, *arXiv*, arXiv:1207.4543,
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