

Curriculum Vitae

JEFFREY NEWMAN

Department of Physics and Astronomy
310 Allen Hall
3941 O'Hara St.
Pittsburgh, PA 15260

EDUCATION:

Ph.D. , Astrophysics, U.C. Berkeley	2000
Dissertation: <i>Observational Cosmology from $z \sim 0.001$ to $z \sim 1$</i>	
M.A. , Astronomy, U.C. Berkeley	1996
B.S. , Physics & Astronomy, University of Maryland at College Park	1994
B.S. , Mathematics, University of Maryland at College Park	1994
B.A. , Latin, University of Maryland at College Park	1994

POSITIONS:

Associate Professor	Sep., 2012 – present
University of Pittsburgh, Department of Physics and Astronomy	
Deputy Spokesperson , LSST Dark Energy Science Collaboration	
February, 2014 –	
Analysis Coordinator , LSST Dark Energy Science Collaboration	
June, 2012 – January 2014	
Assistant Professor	Sep., 2007 – August, 2012
University of Pittsburgh, Department of Physics and Astronomy	
Assistant Researcher	October, 2006 – Aug., 2007
University of California at Berkeley	
Hubble Fellow	October, 2003 – September, 2006
Lawrence Berkeley National Laboratory	
Supervisor: Saul Perlmutter	
Assistant Researcher	July, 2002 - September, 2003
University of California, Berkeley	
Postdoctoral Researcher	June, 2000 - June, 2002
University of California, Berkeley	
Supervisor: Marc Davis	
Graduate Student Researcher	November, 1996 - May, 2000
University of California, Berkeley	
Advisor: Marc Davis, Departments of Physics and Astronomy	
Graduate Student Researcher	May, 1995 - November, 1996
University of California, Berkeley	
Advisor: Alex Filippenko, Department of Astronomy	
Graduate Student Instructor	September, 1994 - May, 1995
University of California, Berkeley, Department of Astronomy	

STUDENTS SUPERVISED AT U. PITTSBURGH:

Dritan Kodra, Ph. D. c. 2018: Photometric Redshift Methods
Abhishek Prakash, Ph. D. c. 2016: eBOSS and DESI Target Selection
Tim Licquia, Ph. D. c. 2015: DESI Target Selection and Galaxy Evolution
Dan Matthews, Ph. D. 2014: Photometric Redshift Calibration
Olivia Telford, B.S. 2013: Analysis of DEEP3 and CANDELS data
Matthew Brinson, B.S. 2012: Analysis of DEEP3 data
Chelsea Vincent, B.S. 2012: Improving reductions of problem DEEP2 objects
Advait Salgarkar, M.S. 2011: Photometric Redshift Measurement
Dara Krute, CMU B.S. 2011: Multiwavelength cross-matching of catalogs (NSF REU)
Adam Walker, CMU B.S. 2010: DEEP2 reduction routines & flux calibration (NSF REU)
Jennifer Sykes, B.S. 2009: Google Sky

OTHER GRADUATE STUDENT PROJECTS SUPERVISED AT U. PITTSBURGH:

Mei-Yu Wang, Ph. D. 2012: Improved methods for X-ray/HST cross-matching
Suchetana Chatterjee, Ph. D. 2009: Extended X-ray emission around AGN

STUDENTS CO-SUPERVISED PREVIOUSLY:

Roger Griffith, B.S. 2008: Galaxy morphology measurements in *HST* imaging;
Currently in post-baccalaureate research position at JPL
Carmen Anderson, B.S. 2007: Double-peaked AGN in DEEP2
Michael Cooper, Ph.D. 2007: DEEP2 pipeline development; Galaxy environments in
DEEP2; DEEP2 galaxy kinematics; Spitzer Fellowship 2007-2010;
Currently Assistant Professor at U.C. Irvine
Brian Gerke, Ph.D. 2007: Searches for galaxy groups and clusters in DEEP2;
KIPAC fellowship 2007-10; Currently staff at Lawrence Berkeley
National Laboratory
Renbin Yan, Ph.D. 2007: K+A galaxies in DEEP2; Properties of red galaxies in SDSS;
currently Assistant Professor at U. Kentucky
Rachel Strickler, B.S. 2005: DEEP2 1d power spectrum
Charlie Conroy, B.S. 2005: Mass measurements with DEEP2 satellite galaxies;
DEEP2 void statistics; currently Assistant Professor at Harvard U.
Alison Coil, Ph.D. 2004: DEEP2 photometry & correlation function measurements;
Received Hubble Fellowship and Spitzer Fellowship, now Associate Professor at
the University of California - San Diego
Bryan Méndez, Ph.D. 2002: TRGB measurements of local flows;
staff member at the Berkeley Space Sciences Laboratory (focused on E/PO)
John Moustakas, B.S. 2000: Tip of the Red Giant Branch (TRGB) distance estimation;
currently Assistant Professor at Siena College

SUCCESSFUL GRANT AND PROPOSAL ACTIVITIES:

- Co-PI of U.S. Department of Energy HEP grant, “Particle Physics and Cosmology at the University of Pittsburgh”, \$3.7M (2015-2018)
(Newman share: \$480k)
- PI, U.S. Department of Energy Early Career Research Program, 2010
Proposal: *Overcoming Photometric Redshift Systematics in Dark Energy Experiments*, \$750k (2010 - 2014)
- Co-I and Pitt PI of successful 902-orbit/ \sim \$8M *Hubble Space Telescope* Multi-Cycle Treasury proposal: CANDELS (the Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey), 2010
U. Pittsburgh share: \sim \$160k, 2010-2012 (\$68k disbursed so far)
- Co-I and co-author of successful NSF Cyber-Enabled Discovery and Innovation grant, *CDI-Type II: Understanding the Universe through Scalable Navigation of a Galaxy of Annotations* (PI: A. Labrinidis); \$1.6M total, Newman share \$317k, 2010-2013
- PI of successful NSF REU supplement, \$15,000 (2009-10)
- Co-author and Pitt PI on successful NSF \$2.2M/5 year proposal:
Collaborative Research: The DEEP3 Survey: Three Fundamental Tests of Galaxy Evolution (2008-; \sim \$300k U. Pitt. total)
- Co-author and Pitt PI on successful DOE proposal:
Optimizing New Dark Energy Experiments (2007-; supplement successfully applied for in 2009; \sim \$100k U. Pitt. total)
- Co-I and co-author of successful Keck Large Multi-Annual Program
Proposal (30 nights total): *The DEEP3 Survey of the Distant Universe* (2007)
- Co-author of and Collaborator on successful NSF \$1.8M/3 year AST proposal:
The DEEP Survey–Emergence of the Modern Universe (2005)
- PI of successful Subaru proposal, *Y-band Imaging in the Extended Groth Strip*, 2010
- Co-I and principal author of 5 successful Keck Observatory proposals and
Co-I and co-author of \sim 10 more, totalling $>$ 120 nights (1998-2006)
- Co-I and principal author of successful 126-orbit/\$0.8M *Hubble Space Telescope/Advanced Camera for Surveys* proposal:
The Evolution and Assembly of Galactic Disks: Integrated studies of mass, stars and gas in the Extended Groth Strip (2004)
- Co-I and co-author of successful \$80k *Hubble Space Telescope* Archival proposal:
Galaxy Environments and Evolution in the GOODS-N Field (2006)
- Co-I and co-author of successful \$0.5M NASA Long-Term Space Astrophysics
proposal: *Star Formation and Galaxy Dynamics at $z \sim 1$* (2003)
- Co-I and co-author of successful Keck Large Multi-Annual Program
Proposal (80 nights total): *The DEEP2 Survey of the Distant Universe* (2002)
- Co-I on and co-author of successful \$2.2M/5 year NSF AST proposal:
The DEEP Survey of the Distant Universe (2000)

RESEARCH INTERESTS:

The large-scale structure of the Universe
Relationships between galaxy properties and environment/LSS
Surveys and multiwavelength studies of galaxies
Measurement of fundamental cosmological and physical parameters
Applications of statistical and machine learning techniques to astronomy
Tools for automated data reduction and analysis

TEACHING ACTIVITIES:

Astronomy 89 (Stars, Galaxies, and the Cosmos),
Spring 2008, 2009, 2011 & 2013
Astronomy 113 (Introduction to Astrophysics), Fall 2009, Fall 2011
Astronomy 1121 (Galaxies and Cosmology), Spring 2010, 2012, 2014
Astronomy 3580 (Galactic and Extragalactic Astronomy) Spring 2014
Astronomy 3705 (Techniques of Observational Astronomy), Fall 2008, 2010, 2012, 2014

DEPARTMENTAL AND UNIVERSITY SERVICE:

Member, Dietrich School of Arts and Sciences Council, 2014-
U. Pittsburgh Institutional Representative to the Board of the LSST Corporation, 2007-;
member, LSST Budget and Audit Committees
U. Pittsburgh Representative to the DESI Institutional Board, 2013-
U. Pittsburgh Representative to the AURA Board, 2013-
Active member of Undergraduate Curriculum (leading subcommittee on the astronomy
program), Undergraduate Program Assessment, and Graduate Computing
Committees
Created department entry on the AIP Female-Friendly Physics Department page, 2008
Assisted with graduate student advising, 2010-2011
Coordinated DOE supplemental infrastructure funding request, 2009
Member of Astronomy faculty search committees, 2007-2008, 2008-2009,
2009-2010, and 2010-2011

PROFESSIONAL ACTIVITIES:

Deputy Spokesperson, LSST Dark Energy Science Collaboration, 2014-
Analysis Coordinator, LSST Dark Energy Science Collaboration, 2012-2014
Proposal reviewer, NSF Astronomy and Astrophysics Grant Program, 2012

Proposal reviewer, NASA Postdoctoral Fellowship Program, 2012
Presenter, DESI U.S. Department of Energy Critical Decision 1 (CD1) review, September 2014
Presenter, SDSS-IV/eBOSS review, December 2013
Presenter, BigBOSS U.S. Department of Energy Critical Decision 0 (CD0) review, December 2011
Presenter, LSST U.S. Department of Energy Critical Decision 1 (CD1) review, November 2011
BigBOSS/Dark Energy Survey Joint Working Group, 2011-
Publications Coordinator, CANDELS, 2011-
Chair, LSST Photometric Redshifts Working Group, 2010 -
Member and U. Pittsburgh institutional contact, BigBOSS Collaboration;
co-author of BigBOSS spectrograph proposal, 2010 -
AEGIS Executive Committee, 2008 – present
Co-I, CANDELS (Cosmic Assembly Deep Extragalactic Legacy Survey) team
Senior Core Member, DEEP2 Collaboration (part of AEGIS)
Member, SNAP Telescope Requirements Review Board, 2007
Member, Space Telescope Science Institute MAST Users' Group, 2005–2008
Member, Yale Survey for the One Degree Imager (WIYN Telescope)
LOC and SOC member, Marc Davis *Fest* (Jan. 2008)
LSST Collaboration: Co-author of white paper: “A Plan for Photo-z Calibrations”;
presenter of AAS poster: “Calibrating Photometric Redshifts for LSST”;
active member of the Galaxies, Large-Scale Structure, AGN,
and Weak Lensing collaborations; participated in LSST presentation to
the Decadal Survey; coauthor of two Deep Drilling Field white papers
Major contributor to the LSST Science Book; helped organize Galaxies
collaboration efforts
Referee, *Astrophys. Journal*, *Ap.J. Letters*, *Monthly Notices of the Royal
Astronomical Society*

OUTREACH ACTIVITIES:

Radio interviews on the (ever-)changing zodiac and
Space Shuttle decommissioning, 2011
Public Talk, Amateur Astronomers Association of Pittsburgh, 2010
Talk for Allderdice High School students, 2010
Public Talk, Carnegie Science Center, 2009
Public Talk, Cline Observatory (Greensboro, NC), 2009
Public Talk, Allegheny Observatory, 2008, 2012
Implementation and dissemination of AEGIS data in Google Sky
Development of tool allowing overlay of arbitrary catalogs on Google Sky, 2008-2009
Source of four U. Pittsburgh Press releases

PROFESSIONAL DEVELOPMENT:

Center for Astronomy Education 2-day Workshop, April 2008
American Physical Society New Faculty Workshop, June 2008

PROFESSIONAL SOCIETIES:

American Astronomical Society
American Physics Society

INVITED LECTURES AND SEMINAR PRESENTATIONS:

Invited talk, GMT Town Hall, AAS Winter Meeting in Washington DC, 2014
Invited Talk, GMT Workshop, College Station, TX, 2014
Invited Talk, LSST-DES Collaboration Meeting, Fermilab, 2014
Colloquium, University of Massachusetts (Amherst), 2014
Invited Talk, SDSS-IV Collaboration Meeting, Baltimore, 2013
Two invited talks (one plenary), DESI Collaboration Meeting, Berkeley, CA 2013
Invited talk, Snowmass on the Mississippi conference, Minneapolis, 2013
Invited seminar, Lawrence Berkeley National Laboratory, Berkeley, 2013
Invited seminar, Stanford University, Palo Alto, 2013
Invited talk, eBOSS collaboration meeting, Shanghai, 2013
Invited talk, American Physical Society April meeting, Denver, 2013
Invited talk, BigBOSS science workshop, LBNL, 2012
Invited talk, DESpec collaboration meeting, U. Chicago, 2012
Invited talk and discussion leader, LSST Dark Energy Science
Collaboration inaugural meeting, U. Penn., 2012
Invited talk, BigBOSS collaboration meeting, IAP Paris, 2012
Invited talk, eBOSS collaboration meeting, CMU, 2012
2 invited talks, After Sloan 3 organizational meeting, JHU, 2012
Colloquium, U. Pittsburgh Department of Computer Science, 2012
Press conference presentation, AAS Winter Meeting, Austin, TX 2012
Colloquium, U. Pittsburgh Department of Physics and Astronomy, 2012
Two talks, BigBOSS collaboration meeting, Tucson, 2011
Invited talk, BigBOSS collaboration meeting, Berkeley, 2011
University of Texas at Austin Astronomy Colloquium, 2011
BigBOSS collaboration meeting, Berkeley, 2011
Fundamental Physics and Large Scale Structure, Perimeter Institute, 2010
BigBOSS Workshop, Berkeley, 2009
Deep/Wide/Fast Workshop, Aspen, 2009
Pennsylvania State University Colloquium, 2009
University of Pennsylvania Colloquium, 2009
University of Michigan Particle Astrophysics seminar, 2009

University of North Carolina at Chapel Hill seminar, 2009
Ohio State University Colloquium, 2008
*Surveys and Simulations of Large-Scale Structure: A Celebration of Marc Davis
60th Birthday*, 2008
Great Lakes Cosmology Workshop, 2008
PHAT (Photo-z Analysis Team) Workshop, 2008
University College, London astronomy seminar, 2008
Spectroscopy in Cosmology and Galaxy Evolution 2005-2015, Granada, Spain, 2007
U. Pittsburgh, Department of Physics and Astronomy, 2007
Yale University, Department of Physics, 2007
Princeton University, Department of Physics, 2007
Space Telescope Science Institute, 2007
Fermi National Accelerator Laboratory, 2007
Vanderbilt University, Department of Physics and Astronomy, 2007
U.C. Davis, Department of Physics and Astronomy, 2007
U.C. Berkeley, Department of Astronomy, 2006
U. Michigan, Department of Astronomy, 2006
U. Pennsylvania, Department of Physics and Astronomy, 2006
U. Massachusetts, Department of Astronomy, 2006
U. Washington, Department of Astronomy, 2005
U.C. Berkeley Physics Colloquium, 2005
Plumian 300: The Quest for a Concordance Cosmology and Beyond,
Cambridge, UK, 2004
U.C. Berkeley Astronomy Colloquium, 2002

GRADUATE FELLOWSHIPS AND HONORS:

Mary Elizabeth Uhl Prize (“for outstanding scholarly achievement”)–May, 2000
The Berkeley Fellowship – August, 1997 - May, 1999
NSF Graduate Research Fellowship – August, 1994 - July, 1997

UNDERGRADUATE HONORS AND AWARDS:

Dorfman Prize for Undergraduate Research, 1994
High Honors in Physics and High Honors in Astronomy, 1994
Summa Cum Laude (all 3 degrees), 1994
Senior Summer Scholarship (advisor: Leo Blitz), 1993
Admitted to Phi Beta Kappa and recieved Phi Beta Kappa Junior Award, 1993
Princeton Plasma Physics Lab. Summer Undergraduate Research Fellowship, 1992
Francis Scott Key Scholarship (full academic scholarship), 1990-1994
National Merit Scholarship, 1990

PUBLICATIONS

Summary statistics: more than 175 publications, with more than 10000 citations in total, yielding h-index=60; more than 130 refereed publications, with more than 10,000 citations in total, yielding h-index=57.

REFEREED ARTICLES

- 2015** J.A. Newman, A. Abate, F.B. Abdalla, S. Allam, S.W. Allen, R. Ansari, S. Bailey, W.A. Barkhouse, T.C. Beers, M.R. Blanton, M. Brodwin, J.R. Brownstein, R.J. Brunner, M. Carrasco Kind, J.L. Cervantes-Cota, E. Cheu, N.E. Chisari, M. Colless, J. Comparat, J. Coupon, C.E. Cunha, A. de la Macorra, I.P. Dell’Antonio, B.L. Frye, E.J. Gawiser, N. Gehrels, K. Grady, A. Hagen, P.B. Hall, A.P. Hearin, H. Hildebrandt, C.M. Hirata, S. Ho, K. Honscheid, D. Huterer, Z. Ivezic, J.-P. Kneib, J.W. Kruk, O. Lahav, R. Mandelbaum, J.L. Marshall, D.J. Matthews, B. Menard, R. Miquel, M. Moniez, H.W. Moos, J. Moustakas, A.D. Myers, C. Papovich, J.A. Peacock, C. Park, M. Rahman, J. Rhodes, J.-S. Ricol, I. Sadeh, A. Slozar, S.J. Schmidt, D.K. Stern, J. Anthony Tyson, A. von der Linden, R.H. Wechsler, W.M. Wood-Vasey, A.R. Zentner, “Corrigendum to ”Spectroscopic needs for imaging dark energy experiments” [Astropart. Phys. 63 (2015) 81-100]”, In Astroparticle Physics, vol. 65, pp. 112-113, 2015.
- 2015** P. Santini, H.C. Ferguson, A. Fontana, B. Mobasher, G. Barro, M. Castellano, S.L. Finkelstein, A. Grazian, L.T. Hsu, B. Lee, S.-K. Lee, J. Pforr, M. Salvato, T. Wiklind, S. Wuyts, O. Almaini, M.C. Cooper, A. Galametz, B. Weiner, R. Amorin, K. Boutsia, C.J. Conselice, T. Dahlen, M.E. Dickinson, M. Giavalisco, N.A. Grogin, Y. Guo, N.P. Hathi, D. Kocevski, A.M. Koekemoer, P. Kurczynski, E. Merlin, A. Mortlock, J.A. Newman, D. Paris, L. Pentericci, R. Simons, S.P. Willner, “Stellar Masses from the CANDELS Survey: The GOODS-South and UDS Fields”, In ApJ, vol. 801, pp. 97, 2015.
- 2015** K. Nandra, E.S. Laird, J.A. Aird, M. Salvato, A. Georgakakis, G. Barro, P.G. Perez Gonzalez, P. Barmby, R.-R. Chary, A. Coil, M.C. Cooper, M. Davis, M. Dickinson, S.M. Faber, G.G. Fazio, P. Guhathakurta, S. Gwyn, L.-T. Hsu, J.-S. Huang, R.J. Ivison, D.C. Koo, J.A. Newman, C. Rangel, T. Yamada, C. Willmer, “AEGIS-X: Deep Chandra imaging of the Central Groth Strip”, In ArXiv e-prints, 2015.
- 2015** J. Rhodes, S. Allen, B.A. Benson, T. Chang, R. de Putter, S. Dodelson, O. Dore, K. Honscheid, E. Linder, B. Menard, J. Newman, B. Nord, E. Rozo, E. Rykoff, A. Vallinotto, D. Weinberg, “Exploiting cross correlations and joint analyses”, In Astroparticle Physics, vol. 63, pp. 42-54, 2015.
- 2015** J.A. Newman, A. Abate, F.B. Abdalla, S. Allam, S.W. Allen, R. Ansari, S. Bailey, W.A. Barkhouse, T.C. Beers, M.R. Blanton, M. Brodwin, J.R. Brownstein, R.J. Brunner, M. Carrasco Kind, J.L. Cervantes-Cota, E. Cheu, N.E. Chisari, M. Colless, J.

- Comparat, J. Coupon, C.E. Cunha, A. de la Macorra, I.P. Dell’Antonio, B.L. Frye, E.J. Gawiser, N. Gehrels, K. Grady, A. Hagen, P.B. Hall, A.P. Hearin, H. Hildebrandt, C.M. Hirata, S. Ho, K. Honscheid, D. Huterer, Ž. Ivezić, J.-P. Kneib, J.W. Kruk, O. Lahav, R. Mandelbaum, J.L. Marshall, D.J. Matthews, B. Menard, R. Miquel, M. Moniez, H.W. Moos, J. Moustakas, A.D. Myers, C. Papovich, J.A. Peacock, C. Park, M. Rahman, J. Rhodes, J.-S. Ricol, I. Sadeh, A. Slozar, S.J. Schmidt, D.K. Stern, J. Anthony Tyson, A. von der Linden, R.H. Wechsler, W.M. Wood-Vasey, A.R. Zentner, “Spectroscopic needs for imaging dark energy experiments”, In *Astroparticle Physics*, vol. 63, pp. 81-100, 2015.
- 2015** E. Giallongo, A. Grazian, F. Fiore, A. Fontana, L. Pentericci, E. Vanzella, M. Dickinson, D. Kocevski, M. Castellano, S. Cristiani, H. Ferguson, S. Finkelstein, N. Grogin, N. Hathi, A.M. Koekemoer, J.A. Newman, M. Salvato, “Faint AGNs at $z > 4$ in the CANDELS GOODS-S field: looking for contributors to the reionization of the Universe”, In ArXiv e-prints, 2015.
- 2015** S.K. Keating, R.G. Abraham, R. Schiavon, G. Graves, I. Damjanov, R. Yan, J. Newman, L. Simard, “Evidence for (and Against) Progenitor Bias in the Size Growth of Compact Red Galaxies”, In *ApJ*, vol. 798, pp. 26, 2015.
- 2015** B. Jain, D. Spergel, R. Bean, A. Connolly, I. Dell’antonio, J. Frieman, E. Gawiser, N. Gehrels, L. Gladney, K. Heitmann, G. Helou, C. Hirata, S. Ho, Ž. Ivezić, M. Jarvis, S. Kahn, J. Kalirai, A. Kim, R. Lupton, R. Mandelbaum, P. Marshall, J.A. Newman, S. Perlmutter, M. Postman, J. Rhodes, M.A. Strauss, J.A. Tyson, L. Walkowicz, W.M. Wood-Vasey, “The Whole is Greater than the Sum of the Parts: Optimizing the Joint Science Return from LSST, Euclid and WFIRST”, In ArXiv e-prints, 2015.
- 2015** S. Alam, F.D. Albareti, C. Allende Prieto, F. Anders, S.F. Anderson, B.H. Andrews, E. Armengaud, . Aubourg, S. Bailey, J.E. Bautista, et al., “The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III”, In ArXiv e-prints, 2015.
- 2015** D. Bacon, S. Bridle, F.B. Abdalla, M. Brown, P. Bull, S. Camera, R. Fender, K. Grainge, Z. Ivezic, M. Jarvis, N. Jackson, D. Kirk, B. Mann, J. McEwen, J. McKean, J.A. Newman, A. Raccanelli, M. Sahlen, M. Santos, A. Tyson, G.-B. Zhao, “Synergy between the Large Synoptic Survey Telescope and the Square Kilometre Array”, In ArXiv e-prints, 2015.
- 2014** B.D. Simmons, T. Melvin, C. Lintott, K.L. Masters, K.W. Willett, W.C. Keel, R.J. Smethurst, E. Cheung, R.C. Nichol, K. Schawinski, M. Rutkowski, J.S. Kartaltepe, E.F. Bell, K.R.V. Casteels, C.J. Conselice, O. Almaini, H.C. Ferguson, L. Fortson, W. Hartley, D. Kocevski, A.M. Koekemoer, D.H. McIntosh, A. Mortlock, J.A. Newman, J. Owersworth, S. Bamford, T. Dahlen, S.M. Faber, S.L. Finkelstein, A. Fontana, A. Galametz, N.A. Grogin, R. Grtzbach, Y. Guo, B. Huler, K.J. Jek, S. Kaviraj, R.A.

- Lucas, M. Peth, M. Salvato, T. Wiklind, S. Wuyts, “Galaxy Zoo: CANDELS barred discs and bar fractions”, In MNRAS, vol. 445, pp. 3466-3474, 2014.
- 2014** G. Erfanianfar, P. Popesso, A. Finoguenov, S. Wuyts, D. Wilman, A. Biviano, F. Ziparo, M. Salvato, K. Nandra, D. Lutz, D. Elbaz, M. Dickinson, M. Tanaka, M. Mirkazemi, M.L. Balogh, M.B. Altieri, H. Aussel, F. Bauer, S. Berta, R.M. Bielby, N. Brandt, N. Cappelluti, A. Cimatti, M. Cooper, D. Fadda, O. Ilbert, E. Le Floch, B. Magnelli, J.S. Mulchaey, R. Nordon, J.A. Newman, A. Poglitsch, F. Pozzi, “The evolution of star formation activity in galaxy groups”, In MNRAS, vol. 445, pp. 2725-2745, 2014.
- 2014** A. Georgakakis, G. Mountrichas, M. Salvato, D. Rosario, P.G. Perez-Gonzalez, D. Lutz, K. Nandra, A. Coil, M.C. Cooper, J.A. Newman, S. Berta, B. Magnelli, P. Popesso, F. Pozzi, “Large-scale clustering measurements with photometric redshifts: comparing the dark matter haloes of X-ray AGN, star-forming and passive galaxies at $z \sim 1$ ”, In MNRAS, vol. 443, pp. 3327-3340, 2014.
- 2014** S.L. Finkelstein, Jr. R.E. Ryan, C. Papovich, M. Dickinson, M. Song, R. Somerville, H.C. Ferguson, B. Salmon, M. Giavalisco, A.M. Koekemoer, M.L.N. Ashby, P. Behroozi, M. Castellano, J.S. Dunlop, S.M. Faber, G.G. Fazio, A. Fontana, N.A. Grogin, N. Hathi, J. Jaacks, D.D. Kocevski, R. Livermore, R.J. McLure, E. Merlin, B. Mobasher, J.A. Newman, M. Rafelski, V. Tilvi, S.P. Willner, “The Evolution of the Galaxy Rest-Frame Ultraviolet Luminosity Function Over the First Two Billion Years”, In ArXiv e-prints, 2014.
- 2014** S.J. Schmidt, J.A. Newman, A. Abate, the Spectroscopic Needs White Paper Team, “Spectroscopic Needs for Calibration of LSST Photometric Redshifts”, In ArXiv e-prints, 2014.
- 2014** A. Abate, J.A. Newman, S.J. Schmidt, the Spectroscopic Needs White Paper team, “Spectroscopic Needs for Training of LSST Photometric Redshifts”, In ArXiv e-prints, 2014.
- 2014** B.D. Simmons, T. Melvin, C. Lintott, K.L. Masters, K.W. Willett, W.C. Keel, R.J. Smethurst, E. Cheung, R.C. Nichol, K. Schawinski, M. Rutkowski, J.S. Kartaltepe, E.F. Bell, K.R.V. Casteels, C.J. Conselice, O. Almaini, H.C. Ferguson, L. Fortson, W. Hartley, D. Kocevski, A.M. Koekemoer, D.H. McIntosh, A. Mortlock, J.A. Newman, J. Owersworth, S. Bamford, T. Dahlen, S.M. Faber, S.L. Finkelstein, A. Fontana, A. Galametz, N.A. Grogin, R. Grutzbauch, Y. Guo, B. Haussler, K.J. Jek, S. Kaviraj, R.A. Lucas, M. Peth, M. Salvato, T. Wiklind, S. Wuyts, “Galaxy Zoo: CANDELS Barred Disks and Bar Fractions”, In ArXiv e-prints, 2014.
- 2014** T.C. Licquia, J.A. Newman, “Improved Estimates of the Milky Way’s Stellar Mass and Star Formation Rate from Hierarchical Bayesian Meta-Analysis”, In ArXiv e-prints, 2014.

- 2014** G. Vinci, P. Freeman, J. Newman, L. Wasserman, C. Genovese, “Estimating the distribution of Galaxy Morphologies on a continuous space”, In ArXiv e-prints, 2014.
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