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Employment	STAFF ASSOCIATE CARNEGIE OBSERVATORIES, LAS CAMPANAS OBSERVATORY, CHILE	Sep. 2016 – present
	ADJUNCT PROFESSOR DEPARTAMENTO DE ASTRONOMÍA, UNIVERSIDAD DE CHILE	Sep. 2016 – present
	ASSISTANT PROFESSOR DEPARTAMENTO DE ASTRONOMÍA, UNIVERSIDAD DE CHILE	Mar. 2015 – Aug. 2015
	VISITING ASTRONOMER CARNEGIE OBSERVATORIES, PASADENA	Mar. 2015 – Aug. 2015
	CARNEGIE POSTDOCTORAL FELLOW CARNEGIE OBSERVATORIES, PASADENA	Sep. 2011 – Feb. 2015
Education	THE UNIVERSITY OF TEXAS AT AUSTIN, AUSTIN, TX, USA Ph.D. in Astronomy	Sep. 2006 – May 2011
	UNIVERSIDAD DE CHILE, SANTIAGO, CHILE M.S. in Astronomy	Mar. 2005 – Aug. 2006
	UNIVERSIDAD DE CHILE, SANTIAGO, CHILE B.S. in Astronomy, with Honors	Mar. 2001 – Dec. 2004
Honors, Awards, and Grants	FONDECYT Initiation Grant: US \$145,000	2015
	ESO Grant for Municipal Education Programs on Light Pollution: US \$12,600	2015
	Carnegie Postdoctoral Fellowship: US \$200,000	2011-2014
	University of Texas Outstanding Dissertation Award: US \$3,000 <i>Awarded yearly to the best science Ph.D. dissertation campus wide.</i>	2012
	UT Astronomy Department Benfield Scholarship: US \$1,800	2010
	UT Graduate School Continuing Fellowship: US \$25,635	2010-2011
	Norman Hackerman Advanced Research Program Grant (co-I, PI: S. Jøgee) “The VIRUS-P Exploration of Nearby Galaxies (VENGA)”: US \$150,000	2010
	Fred Goetting Memorial Endowed Presidential Scholarship: US \$5,000	2009-2010
	Homer Lindsey Bruce Endowed Fellowship: US \$26,635	2009-2010
	University of Texas Professional Development Award: US \$900	2009
	Sigma Xi Grant in Aid of Research: US \$5,000	2009
	UT Astronomy Best Second Year Research Defense Award: US \$500	2008
	FONDAP Centro de Astrofísica M.S. Fellowship: US \$4,200	2005-2006

Professional Public Service	2nd Vicepresident, Chilean Astronomical Society (SOCHIAS) In charge of light pollution control initiatives.	2015-present
	Advisor for the Chilean Office for Protection of the Night Sky Quality (OPCC)	2015-present
	Member of Ministry of Foreign Affairs Working Group for UNESCO World Heritage Application of Chile's Astronomical Sites.	2015-present
	Referee for Peer-reviewed Journals and Funding Agencies: - The Astrophysical Journal (ApJ) - Astronomy & Astrophysics (A&A) - Monthly Notices of the Royal Astronomical Society (MNRAS) - Chilean National Commission for Science and Technology (CONICYT)	2011 - Present
	Organizer and co-chair of the SOC for the "1st Leonard Searle Symposium: Understanding Nebular Emission in High-Redshift Galaxies", Pasadena, CA	2015
Organizer of the "2013 Pasadena Astronomy Postdoc Retreat", Pasadena, CA Conference gathering postdocs from Caltech, Carnegie, IPAC, and JPL	2013	
Editor of ASPCS Proceedings for the "Galaxy Evolution: Emerging Insights and Future Challenges" Conference, Austin, TX	2009	
Member of the LOC for the "Galaxy Evolution: Emerging Insights and Future Challenges" Conference, Austin, TX	2008	
Teaching	Professor of "Thermodynamics", Universidad de Chile	2015-2016
	Tutored Undergraduate Observing Runs, UT Astronomy Student Association	May 2007, 2008
	IRAF Tutoring for REU Students, Universidad de Chile	Jan. 2006
	Teaching Assistant for "Galaxy Astrophysics", Universidad de Chile	Fall, 2005
	Teaching Assistant for "General Astronomy", Universidad de Chile	Spring, 2005
Outreach	Outreach Class "Unveiling the Origin of Galaxies", U de Chile, Santiago, Chile	2015, 2016
	Invited Speaker at "Cielos Oscuros, Patrimonio de la Humanidad" Seminar, Municipality of Santiago Heritage Day Initiative, Santiago, Chile	May 2016
	Invited Speaker at "The Right to Dark Skies" UNESCO Workshop, Mexico City	January 2016
	Invited Speaker at "Ventanas al Universo", Workshop on Light Pollution Policy, Santiago, Chile	November 2015
	Outreach Talk at "Día de la Astronomía" Event, U. de Chile, Santiago, Chile	March 2015
	Invited Speaker at Seminar on Light Pollution and Energy Efficiency, U. de Chile	March 2015
	Outreach Activity for South Pasadena Boy Scouts, Pasadena, CA	December 2014
	Invited Speaker at the Optimist Club Meeting, Pasadena, CA	January 2013
	Outreach Program at Whale Branch Elementary School, Beaufort, SC	April 2012
	Speaker at the Huntington Library Astronomy Lecture Series, Pasadena, CA	March 2012
	Volunteer English, Science, and Math Teacher at Junkiri School, Sakhu, Nepal	Jun.-Aug. 2011
Conducted Open Telescope Nights, UT Austin Astronomy Outreach Program	Sep.-Dec. 2010	

- Public Media** Several Television, Radio, and Newspaper appearances in Chile and the US. 2006-present
Short film “Observando Luz” by NATIVO Media & Films’, Las Campanas, Chile February 2013
- Invited Talks, Colloquia, and Seminars**
- Invited Talk, “Mock Santiago: Next Generation Surveys” Conference, Santiago, Chile, April 2016
 - Opening Talk, “XIII Meeting of the Chilean Astronomical Society”, Antofagasta, Chile, March 2016
 - Colloquium, Pontificia Universidad Católica, Santiago, Chile, September 2015
 - Invited Talk, “Nebular Emission in High-z Galaxies” Symposium, Pasadena, CA, USA, July 2015
 - Colloquium, Universidad Diego Portales, Santiago, Chile, April 2015
 - Colloquium, Carnegie Observatories, Pasadena, CA, USA, January 2015
 - Invited Talk, “Fiber Optics in Astronomy”, Harvard University, Cambridge, MA, USA, August 2014
 - Astronomy Tea Talk, California Institute of Technology, Pasadena, CA, USA, May 2014
 - Colloquium, Max Planck Institute for Astronomy, Heidelberg, Germany, January 2014
 - Cosmology Seminar, Max Planck Institute for Astrophysics, Garching, Germany, January 2014
 - Galaxy Seminar, Max Planck Institute for Astrophysics, Garching, Germany, January 2014
 - Colloquium, Universidad de Chile, Santiago, Chile, September 2013
 - Invited Talk, “Dissecting Galaxies with 2D Wide-field Spectroscopy”, Lijiang, China, March 2013
 - Colloquium, University of California Riverside, Riverside, CA, February 2013
 - Star Formation Seminar, NASA Jet Propulsion Laboratory, Pasadena, CA, January 2013
 - Colloquium, Universidad de Concepción, Concepción, Chile, December 2012
 - Colloquium, NOAO South - CTIO, La Serena, Chile, November 2012
 - Colloquium, Universidad de Valparaiso, Valparaiso, Chile, November 2012
 - Invited Talk, “Metals in 3D: Insights from Integral Field Spectroscopy”, Granada, Spain, April 2012
 - Colloquium, Pontificia Universidad Católica, Santiago, Chile, November 2011
 - Colloquium, University of Washington, Seattle, WA, USA, November 2011
 - Star Formation & ISM Seminar, UC Berkeley, Berkeley, CA, USA, September 2010
 - IMPS Seminar, UC Santa Cruz, Santa Cruz, CA, USA, September 2010
 - Lunch Talk, Carnegie Institution Observatories, Pasadena, CA, USA, September 2010
 - Astronomy Seminar, UCLA, Los Angeles, CA, USA, August 2010
 - Astronomy Tea Talk, California Institute of Technology, Pasadena, CA, USA, August 2010
 - Extragalactic Seminar, Institute of Astronomy, Cambridge, UK, April 2010
 - Colloquium, University of Geneva Observatory, Geneva, Switzerland, April 2010

OPINAS Seminar, Max Planck Institute for Extraterrestrial Physics, Garching, Germany, April 2010

Colloquium, Pontificia Universidad Catolica, Santiago, Chile, January 2010

Colloquium, Universidad de Chile, Santiago, Chile, December 2009

OPINAS Seminar, Max Planck Institute for Extraterrestrial Physics, Garching, Germany, June 2008.

**Contributed
Talks**

HETDEX Science Meeting, University of Texas at Austin, Austin, TX, USA, May 2016

“A 3D View of Galaxy Evolution”, MPIA, Heidelberg, Germany, July 2015

“Dissecting Galaxies Near and Far”, European Southern Observatory, Santiago, Chile, March 2015

Chilean Astronomical Society (SOCHIAS) Meeting, Puerto Varas, Chile March 2015

HETDEX Science Meeting, Pennsylvania State University, State College, PA, USA, May 2014

“ESO 3D2014: A Multi-wavelength 3D Perspective”, ESO, Garching, Germany, March 2014

“Lyman-alpha as an Astrophysical Tool”, Stockholm Univeristy, Sweden, Spetember 2013

HETDEX Science Meeting, Leibniz Institute for Astrophysics, Potsdam, Germany, May 2013

2013 Pasadena Astronomy Postdoc Retreat, Lake Arrowhead, CA, USA, April 2013

HETDEX Science Meeting, University of Texas at Austin, Austin, TX, USA , January 2012

Carnegie Science Day, Carnegie Observatories, Pasadena, CA, USA , October 2011

Dissertation Talk, American Astronomical Society, Meeting 217, Seattle, WA, USA, January 2011

“IFUs in the Era of JWST” Workshop, Space Telescope Science Institute, Baltimore, Maryland, USA, October 2010

HETDEX Science Meeting, Texas A&M University, College Station, TX, USA , October 2010

“From Stars to Galaxies” Conference, University of Florida, Gainesville, Florida, USA, April 2010

“HETDEX Science Workshop” University of Texas at Austin, Austin, USA, February 2009

“Understanding Lyman-alpha Emitters” Conference, Max Planck Institute for Astronomy, Heidelberg, Germany, October 2008

“Gas and Stars in Galaxies - A Multi-Wavelength 3D Perspective” Conference, European Southern Observatory, Garching, Germany, June 2008

**Schools and
Workshops**

CASA Data Reduction Workshop, IPAC, Pasadena, CA, USA, January 2012

GEMINI Data Workshop, NOAO, Tucson, AZ, USA, July 2010

ESO Latin American Astronomy Summer School, ESO, Santiago, Chile, December 2005

Observing Experience
(SM: service
VM: visitor)

Sub-mm CO imaging/spectroscopy with ALMA band-6 (SM, Cycle 3)
Optical IFU Spectroscopy with MUSE on the VLT 8.2m Telescope (SM)
Optical multi-fiber Spectroscopy with M2FS at Magellan-II 6.5m Telescope (VM)
Near-IR Echelle Spectroscopy with FIRE at Magellan-I 6.5m Telescope. (VM)
Near-IR Mutli-Object Spectroscopy with MMIRS Magellan-II 6.5m Telescope. (VM)
Near-IR IFU Spectroscopy with NIFS at GEMINI North 8.1m Telescope. (SM)
Optical IFU Spectroscopy with VIRUS-P at HET 9.2m Telescope. (VM)
Optical IFU Spectroscopy with GMOS-S at GEMINI South 8.1m Telescope. (SM)
Optical IFU Spectroscopy with VIRUS-P at McDonald Observatory 2.7m Telescope. (VM)
Near-IR imaging with ISPI at CTIO 4m Blanco Telescope. (VM)
Optical multi-object spectroscopy with LDSS-3, at Magellan-II 6.5m Telescope. (VM)
Optical spectroscopy with WFCCD, at 100" du Pont Telescope. (VM)
Optical multi-object spectroscopy with IMACS, at Magellan-I 6.5m Telescope. (VM)
Optical imaging with MOSAIC-II at CTIO 4m Blanco Telescope. (VM)

References

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PROFESSOR KARL GEBHARDT
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PROFESSOR NEAL J. EVANS II
The University of Texas at Austin, Department of Astronomy, Austin, TX
(512) 471-3302, nje@astro.as.utexas.edu

DR. GARY J. HILL
The University of Texas at Austin, Department of Astronomy, Austin, TX
(512) 471-1477, hill@astro.as.utexas.edu

PROFESSOR ERIC GAWISER
Rutgers University, Department of Physics and Astronomy, Piscataway, NJ
(732) 445-2733, gawiser@physics.rutgers.edu

PROFESSOR PAULINA LIRA
Universidad de Chile, Departamento de Astronomia, Santiago, Chile
(56-2) 977-1138, plira@das.uchile.cl

**Refereed
Publications
(First
Author)**

IZI: INFERRING THE GAS PHASE METALLICITY (Z) AND IONIZATION PARAMETER (Q) OF IONIZED NEBULAE USING BAYESIAN STATISTICS

Blanc, Guillermo A.; Kewley, Lisa; Vogt, Frédéric P. A.; Dopita, Michael A.
The Astrophysical Journal, Volume 798, Issue 2, article id. 99, 21 pp., 2015

THE VIRUS-P EXPLORATION OF NEARBY GALAXIES (VENGA):

SURVEY DESIGN, DATA PROCESSING, AND SPECTRAL ANALYSIS METHODS

Blanc, Guillermo A.; Weinzirl, Tim; Song, Mimi; Heiderman, Amanda; Gebhardt, Karl; Jogee, Shardha; Evans, Neal J., II; van den Bosch, Remco C. E.; Luo, Rongxin; Drory, Niv; Fabricius, Maximilian; Fisher, David; Hao, Lei; Kaplan, Kyle; Marinova, Irina; Vutisalchavakul, Nalin; Yoachim, Peter

The Astronomical Journal, Volume 145, Issue 5, article id. 138, 28 pp., 2013

THE VIRUS-P EXPLORATION OF NEARBY GALAXIES (VENGA):

THE XCO GRADIENT IN NGC 628

Blanc, Guillermo A.; Schruha, Andreas; Evans, Neal J., II; Jogee, Shardha; Bolatto, Alberto; Leroy, Adam K.; Song, Mimi; van den Bosch, Remco C. E.; Drory, Niv; Fabricius, Maximilian; Fisher, David; Gebhardt, Karl; Heiderman, Amanda; Marinova, Irina; Vogel, Stuart; Weinzirl, Tim
The Astrophysical Journal, Volume 764, Issue 2, article id. 117, 16 pp., 2013

THE MITCHELL SPECTROGRAPH: STUDYING NEARBY GALAXIES WITH THE VIRUS PROTOTYPE

Blanc, Guillermo A.

Advances in Astronomy, vol. 2013, pp. 1-16, 2013

THE HETDEX PILOT SURVEY FOR EMISSION LINE GALAXIES II: CONSTRAINTS ON THE EVOLUTION OF THE $Ly\alpha$ ESCAPE FRACTION FROM THE UV SLOPE AND LUMINOSITY FRUNCTION OF $Ly\alpha$ EMITTERS AT $2 < z < 4$

Blanc, Guillermo A.; Adams, Joshua J.; Gebhardt, Karl; Hill, Gary J.; Drory, Niv; Hao, Lei; Bender, Ralf; Ciardullo, Robin; Finkelstein, Steven L.; Fry, Alexander B.; Gawiser, Eric; Gronwall, Cary; Hopp, Ulrich; Jeong, Donghui; Kelzenberg, Ralf; Komatsu, Eiichiro; MacQueen, Phillip; Murphy, Jeremy D.; Roth, Martin M.; Schneider, Donald P.; Tufts, Joseph

The Astrophysical Journal, Volume 736, Issue 1, article id. 31, 21 pp., 2011

THE SPATIALLY RESOLVED STAR FORMATION LAW FROM INTEGRAL FIELD SPECTROSCOPY:

VIRUS-P OBSERVATIONS OF NGC 5194

Blanc, Guillermo A.; Heiderman, Amanda; Gebhardt, Karl; Evans, Neal J., II; Adams, Joshua

The Astrophysical Journal, Volume 704, Issue 1, article id. 842-862, 2009

THE MULTIWAVELENGTH SURVEY BY YALE-CHILE (MUSYC): WIDE K-BAND IMAGING, PHOTOMETRIC CATALOGS, CLUSTERING, AND PHYSICAL PROPERTIES OF GALAXIES AT $z \sim 2$

Blanc, Guillermo A.; Lira, Paulina; Barrientos, L. Felipe; Aguirre, Paula; Francke, Harold; Taylor, Edward N.; Quadri, Ryan; Marchesini, Danilo; Infante, Leopoldo; Gawiser, Eric; Hall, Patrick B.; Willis, Jon P.; Herrera, David; Maza, Jose

The Astrophysical Journal, Volume 681, Issue 2, pp. 1099-1115., 2008

**Refereed
Publications
(Co-Author)**

CHARACTERIZING SPIRAL ARM AND INTERARM STAR FORMATION

Kreckel, K.; Blanc, G. A.; Schinnerer, E.; Groves, B.; Adamo, A.; Hughes, A.; Meidt, S.

arXiv:1603.08009, 2016

THE SPITZER-HETDEX EXPLORATORY LARGE-AREA SURVEY

Papovich, Casey; Shipley, H. V.; Mehrrens, N.; Lanham, C.; Lacy, M.; Ciardullo, R.; Finkelstein, S. L.; Bassett, R.; Behroozi, P.; **Blanc, G. A.**; de Jong, R. S.; DePoy, D. L.; Drory, N.; Gawiser, E.; Gebhardt, K.; Gronwall, C.; Hill, G. J.; Hopp, U.; Jogee, S.; Kawinwanichakij, L.; Marshall, J. L.; McLinden, E.; Mentuch Cooper, E.; Somerville, R. S.; Steinmetz, M.; Tran, K.-V.; Tuttle, S.; Viero, M.; Wechsler, R.; Zeimann, G.

arXiv:1603.05660, 2016

THE VIRUS-P EXPLORATION OF NEARBY GALAXIES (VENGA): RADIAL GAS INFLOW AND SHOCK EXCITATION IN NGC 1042

Luo, Rongxin; Hao, Lei; **Blanc, Guillermo A.**; Jogee, Shardha; van den Bosch, Remco C. E.; Weinzirl, Tim

The Astrophysical Journal, Volume 823, Issue 2, article id. 85, pp., 2016

HOW LYMAN ALPHA EMISSION DEPENDS ON GALAXY STELLAR MASS

Oyarzún, Grecco A.; **Blanc, Guillermo A.**; González, Valentino; Mateo, Mario; Bailey, John I., III; Finkelstein, Steven L.; Lira, Paulina; Crane, Jeffrey D.; Olszewski, Edward W.

The Astrophysical Journal Letters, Volume 821, Issue 1, article id. L14, pp., 2016

HST EMISSION LINE GALAXIES AT $z \sim 2$: COMPARING PHYSICAL PROPERTIES OF LYMAN ALPHA AND OPTICAL EMISSION LINE SELECTED GALAXIES

Hagen, Alex; Zeimann, Gregory R.; Behrens, Christoph; Ciardullo, Robin; Grasshorn Gebhardt, Henry S.; Gronwall, Caryl; Bridge, Joanna S.; Fox, Derek B.; Schneider, Donald P.; Trump, Jonathan R.; **Blanc, Guillermo A.**; Chiang, Yi-Kuan; Chonis, Taylor S.; Finkelstein, Steven L.; Hill, Gary J.; Jogee, Shardha; Gawiser, Eric,

The Astrophysical Journal, Volume 817, Issue 1, article id. 79, 17 pp., 2016

SDSS-IV/MANGA: SPECTROPHOTOMETRIC CALIBRATION TECHNIQUE

Yan, Renbin; Tremonti, Christy; Bershady, Matthew A.; Law, David R.; Schlegel, David J.; Bundy, Kevin; Drory, Niv; MacDonald, Nicholas; Bizyaev, Dmitry; **Blanc, Guillermo A.**; Blanton, Michael R.; Cherinka, Brian; Eigenbrot, Arthur; Gunn, James E.; Harding, Paul; Hogg, David W.; Sánchez-Gallego, José R.; Sánchez, Sebastian F.; Wake, David A.; Weijmans, Anne-Marie; Xiao, Ting; Zhang, Kai,

The Astronomical Journal, Volume 151, Issue 1, article id. 8, 18 pp., 2016

AN ANALYTICAL MODEL FOR GALAXY METALLICITY: WHAT DO METALLICITY RELATIONS TELL US ABOUT STAR FORMATION AND OUTFLOW?

Lu, Yu; **Blanc, Guillermo A.**; Benson, Andrew

The Astrophysical Journal, Volume 808, Issue 2, article id. 129, 9 pp., 2015

SURVEYING GALAXY PROTO-CLUSTERS IN EMISSION:

A LARGE-SCALE STRUCTURE AT $z = 2.44$ AND THE OUTLOOK FOR HETDEX

Chiang, Yi-Kuan; Overzier, Roderik A.; Gebhardt, Karl; Finkelstein, Steven L.; Chiang, Chi-Ting; Hill, Gary J.; **Blanc, Guillermo A.**; Drory, Niv; Chonis, Taylor S.; Zeimann, Gregory R.; Hagen, Alex; Schneider, Donald P.; Jogee, Shardha; Ciardullo, Robin; Gronwall, Caryl

The Astrophysical Journal, Volume 808, Issue 1, article id. 37, 18 pp., 2015

STRONG NEAR-INFRARED CARBON IN THE TYPE IA SUPERNOVA IPTF13EBH

Hsiao, E. Y.; Burns, C. R.; Contreras, C.; Hœ-Affivffflflich, P.; Sand, D.; Marion, G. H.; Phillips, M. M.; Stritzinger, M.; González-Gaitán, S.; Mason, R. E.; Folatelli, G.; Parent, E.; Gall, C.; Amanullah, R.; Anupama, G. C.; Arcavi, I.; Banerjee, D. P. K.; Beletsky, Y.; **Blanc, G. A.**; Bloom, J. S.; Brown, P. J.; Campillay, A.; Cao, Y.; De Cia, A.; Diamond, T.; Freedman, W. L.; Gonzalez, C.; Goobar, A.; Holmbo, S.; Howell, D. A.; Johansson, J.; Kasliwal, M. M.; Kirshner, R. P.; Krisciunas, K.; Kulkarni, S. R.; Maguire, K.; Milne, P. A.; Morrell, N.; Nugent, P. E.; Ofek, E. O.; Osip, D.; Palunas, P.; Perley, D. A.; Persson, S. E.; Piro, A. L.; Rabus, M.; Roth, M.; Schiefelbein, J. M.; Srivastav, S.; Sullivan, M.; Suntzeff, N. B.; Surace, J.; Woźniak, P. R.; Yaron, O.

Astronomy & Astrophysics, Volume 578, id.A9, 18 pp., 2015

P-MANGA GALAXIES: EMISSION-LINES PROPERTIES - GAS IONIZATION AND CHEMICAL ABUNDANCES FROM PROTOTYPE OBSERVATIONS

Belfiore, F.; Maiolino, R.; Bundy, K.; Thomas, D.; Maraston, C.; Wilkinson, D.; Sánchez, S. F.; Bershady, M.; **Blanc, G. A.**; Bothwell, M.; Cales, S. L.; Coccato, L.; Drory, N.; Emsellem, E.; Fu, H.; Gelfand, J.; Law, D.; Masters, K.; Parejko, J.; Tremonti, C.; Wake, D.; Weijmans, A.; Yan, R.;

Xiao, T.; Zhang, K.; Zheng, T.; Bizyaev, D.; Kinemuchi, K.; Oravetz, D.; Simmons, A.
Monthly Notices of the Royal Astronomical Society, Volume 449, Issue 1, p.867-900, 2015

OVERVIEW OF THE SDSS-IV MANGA SURVEY:

MAPPING NEARBY GALAXIES AT APACHE POINT OBSERVATORY

Bundy, Kevin; Bershady, Matthew A.; Law, David R.; Yan, Renbin; Drory, Niv; MacDonald, Nicholas; Wake, David A.; Cherinka, Brian; Sánchez-Gallego, José R.; Weijmans, Anne-Marie; Thomas, Daniel; Tremonti, Christy; Masters, Karen; Coccato, Lodovico; Diamond-Stanic, Aleksandar M.; Aragón-Salamanca, Alfonso; Avila-Reese, Vladimir; Badenes, Carles; Falcón-Barroso, Jesús; Belfiore, Francesco; Bizyaev, Dmitry; **Blanc, Guillermo A.**; Bland-Hawthorn, Joss; Blanton, Michael R.; Brownstein, Joel R.; Byler, Nell; Cappellari, Michele; Conroy, Charlie; Dutton, Aaron A.; Emsellem, Eric; Etherington, James; Frinchaboy, Peter M.; Fu, Hai; Gunn, James E.; Harding, Paul; Johnston, Evelyn J.; Kauffmann, Guinevere; Kinemuchi, Karen; Klaene, Mark A.; Knapen, Johan H.; Leauthaud, Alexie; Li, Cheng; Lin, Lihwai; Maiolino, Roberto; Malanushenko, Viktor; Malanushenko, Elena; Mao, Shude; Maraston, Claudia; McDermid, Richard M.; Merrifield, Michael R.; Nichol, Robert C.; Oravetz, Daniel; Pan, Kaike; Parejko, John K.; Sanchez, Sebastian F.; Schlegel, David; Simmons, Audrey; Steele, Oliver; Steinmetz, Matthias; Thanjavur, Karun; Thompson, Benjamin A.; Tinker, Jeremy L.; van den Bosch, Remco C. E.; Westfall, Kyle B.; Wilkinson, David; Wright, Shelley; Xiao, Ting; Zhang, Kai

The Astrophysical Journal, Volume 798, Issue 1, article id. 7, 24 pp., 2015

HUBBLE SPACE TELESCOPE EMISSION LINE GALAXIES AT $z \sim 2$: THE $Ly\alpha$ ESCAPE FRACTION

Ciardullo, Robin; Zeimann, Gregory R.; Gronwall, Caryl; Gebhardt, Henry; Schneider, Donald P.; Hagen, Alex; Malz, A. I.; **Blanc, Guillermo A.**; Hill, Gary J.; Drory, Niv; Gawiser, Eric

The Astrophysical Journal, Volume 796, Issue 1, article id. 64, 11 pp., 2014

THE HETDEX PILOT SURVEY. V. THE PHYSICAL ORIGIN OF $Ly\alpha$ EMITTERS PROBED BY NEAR-INFRARED SPECTROSCOPY

Song, Mimi; Finkelstein, Steven L.; Gebhardt, Karl; Hill, Gary J.; Drory, Niv; Ashby, Matthew L. N.; **Blanc, Guillermo A.**; Bridge, Joanna; Chonis, Taylor; Ciardullo, Robin; Fabricius, Maximilian; Fazio, Giovanni G.; Gawiser, Eric; Gronwall, Caryl; Hagen, Alex; Huang, Jia-Sheng; Jogee, Shardha; Livermore, Rachael; Salmon, Brett; Schneider, Donald P.; Willner, S. P.; Zeimann, Gregory R.

The Astrophysical Journal, Volume 791, Issue 1, article id. 3, 24 pp., 2014

SPECTRAL ENERGY DISTRIBUTION FITTING OF HETDEX PILOT SURVEY $Ly\alpha$ EMITTERS IN COSMOS AND GOODS-N

Hagen, Alex; Ciardullo, Robin; Gronwall, Caryl; Acquaviva, Viviana; Bridge, Joanna; Zeimann, Gregory R.; **Blanc, Guillermo A.**; Bond, Nicholas A.; Finkelstein, Steven L.; Song, Mimi; Gawiser, Eric; Fox, Derek B.; Gebhardt, Henry; Malz, A. I.; Schneider, Donald P.; Drory, Niv; Gebhardt, Karl; Hill, Gary J

The Astrophysical Journal, Volume 786, Issue 1, article id. 59, 13 pp., 2014

PHYSICAL PROPERTIES OF EMISSION-LINE GALAXIES AT $z \sim 2$ FROM NEAR-INFRARED SPECTROSCOPY WITH MAGELLAN FIRE

Masters, Daniel; McCarthy, Patrick; Siana, Brian; Malkan, Mathew; Mobasher, Bahram; Atek, Hakim; Henry, Alaina; Martin, Crystal L.; Rafelski, Marc; Hathi, Nimish P.; Scarlata, Claudia; Ross, Nathaniel R.; Bunker, Andrew J.; **Blanc, Guillermo**; Bedregal, Alejandro G.; Domfimfflanguéz, Alberto; Colbert, James; Teplitz, Harry; Dressler, Alan

The Astrophysical Journal, Volume 785, Issue 2, article id. 153, 20 pp., 2014

GALAXY REDSHIFT SURVEYS WITH SPARSE SAMPLING

Chiang, Chi-Ting; Wullstein, Philipp; Jeong, Donghui; Komatsu, Eiichiro; Blanc, Guillermo A.; Ciardullo, Robin; Drory, Niv; Fabricius, Maximilian; Finkelstein, Steven; Gebhardt, Karl; Gronwall, Caryl; Hagen, Alex; Hill, Gary J.; Jee, Inh; Jogee, Shardha; Landriau, Martin; Mentuch Cooper, Erin; Schneider, Donald P.; Tuttle, Sarah

Journal of Cosmology and Astroparticle Physics, Issue 12, article id. 030, pp., 2013

SEARCHING FOR NEUTRAL HYDROGEN HALOS AROUND $z \sim 2.1$ AND $z \sim 3.1$ LY-ALPHA
EMITTING GALAXIES

Feldmeier, John; Hagen, Alex; Ciardullo, Robin; Gronwall, Caryl; Gawiser, Eric; Guaita, Lucia; Hagen, Lea; Bond, Nicholas; Acquaviva, Viviana; **Blanc, Guillermo**; Orsi, Alvaro; Kurczynski, Peter

The Astrophysical Journal, Volume 776, Issue 2, article id. 75, 15 pp., 2013

THE SPECTRALLY RESOLVED LY α EMISSION OF THREE LY α -SELECTED FIELD GALAXIES AT $z \sim 2.4$
FROM THE HETDEX PILOT SURVEY

Chonis, Taylor S.; **Blanc, Guillermo A.**; Hill, Gary J.; Adams, Joshua J.; Finkelstein, Steven L.; Gebhardt, Karl; Kollmeier, Juna A.; Ciardullo, Robin; Drory, Niv; Gronwall, Caryl; Hagen, Alex; Overzier, Roderik A.; Song, Mimi; Zeimann, Gregory R.

The Astrophysical Journal, Volume 775, Issue 2, article id. 99, 20 pp., 2013

DEPENDENCE OF NEBULAR HEAVY-ELEMENT ABUNDANCE ON H I CONTENT FOR
SPIRAL GALAXIES

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