

## Prof. Eric Gawiser

### Publications

The 373 publications listed below have received more than 21,000 citations, with an  $h$ -index of 71.

\* identifies publications led by myself or a member of my research group.

### Invited Review Articles

\*5. “Spectral Energy Distribution Fitting: Application to Ly $\alpha$ -Emitting Galaxies”

**Gawiser, E.**

*New Astronomy Reviews* 53, 50-53 (2009)

\*4. “Galaxy Formation”

**Gawiser, E.**

“New Horizons in Astronomy” *ASP Conference Series* 352, 177-189 (2006)

3. “Damped Ly $\alpha$  Systems”

Wolfe, A.M., **Gawiser, E.** & Prochaska, J.X.

*Annual Reviews of Astronomy & Astrophysics* 43, 861-918 (2005)

\*2. “The Cosmic Microwave Background Radiation”

**Gawiser, E.** & Silk, J.

*Physics Reports* 333, 245-167 (2000)

1. “WOMBAT & FORECAST: Making Realistic Maps of the Microwave Sky”

Jaffe, A.H., **Gawiser, E.**, Finkbeiner, D., Baker, J.C., Balbi, A., Davis, M., Hanany, S., Holzappel, W., Krumholz, M., Moustakas, L., Robinson, J., Scannapieco, E., Smoot, G.F. & Silk, J.

*Microwave Foregrounds*, eds. A. de Oliveira-Costa & M. Tegmark (ASP, San Francisco), 367-377 (1999)

### Submitted

1. “CEERS: Diversity of Lyman-Alpha Emitters during the Epoch of Reionization ”

I. Jung, S.L. Finkelstein, P. Arrabal Haro, M. Dickinson, H.C. Ferguson, T.A. Hutchison, J.S. Kartaltepe, R.L. Larson, R.C. Simons, C. Papovich, H. Park, L. Pentericci, J.R. Trump, R.O. Amorin, B.E. Backhaus, C.M. Casey, Y. Cheng, N.J. Cleri, M.C. Cooper, O.R. Cooper, J.P. Gardner, **E. Gawiser**, A. Grazian, N.P. Hathi, M. Hirschmann, A.M. Koekemoer, R.A. Lucas, B. Mobasher, S. Ravindranath, A.N. Straughn, L.Y.A. Yung & A. de la Vega

submitted to *Astrophysical Journal*, arXiv:2304.05385

2. “A CEERS Discovery of an Accreting Supermassive Black Hole 570 Myr after the Big Bang: Identifying a Progenitor of Massive  $z > 6$  Quasars”

R.L. Larson, S.L. Finkelstein, D.D. Kocevski, T.A. Hutchison, J.R. Trump, P.A. Haro, V. Bromm, N.J. Cleri, M. Dickinson, S. Fujimoto, J.S. Kartaltepe, A.M. Koekemoer, C. Papovich, N. Pirzkal, S. Tacchella, J.A. Zavala, M. Bagley, P. Behroozi, J.B. Champagne, J.W. Cole, I. Jung, A.M. Morales, G. Yang, H. Zhang, A. Zitrin, R.O. Amorin, D. Burgarella, C.M. Casey, O.A. Chavez Ortiz, I.G.

Cox, K. Chworowsky, A. Fontana, **E. Gawiser**, A. Grazian, N.A. Grogin, S. Harish, N.P. Hathi, M. Hirschmann, B.W. Holwerda, S. Juneau, G.C.K. Leung, R.A. Lucas, E.J. McGrath, P.G. Perez-Gonzalez, J.R. Rigby, L.-M. Seille, R.C. Simons, B.J. Weiner, S.M. Wilkins, L.Y.A. Yung & The CEERS Team

submitted to *Astrophysical Journal*

3. “The Spitzer-HETDEX Exploratory Large Area Survey. IV. Model-Based Multi-wavelength Photometric Catalog ”

G.C.K. Leung, S. Finkelstein, J. Weaver, C. Papovich, R. Larson, K. Chworowsky, R. Ciardullo, **Gawiser, E.**, C. Gronwall, S. Jogee, L. Kawinwanichakij, R. Somerville, I. Wold & L.Y.A. Yung

submitted to *Astrophysical Journal*, arXiv:2301.00908

4. “HETDEX Public Source Catalog 1: Stacking 50K Lyman Alpha Emitters”

D. Davis, K. Gebhardt, E. Mentuch Cooper, W.P. Bowman, B. G. Castanheira, J. Chisholm, R. Ciardullo, M. Fabricius, D.J. Farrow, S.L. Finkelstein, C. Gronwall, **Gawiser, E.**, Hill, G.J., U. Hopp, L. R. House, D. Jeong, W. Kollatschny, E. Komatsu, C. Liu, M. Lujan Niemeyer, A. Sandana-Lopez, S. Saito, Schneider, D.P., J. Snigula, S. Tuttle, L. Wisotzki & G. Zeimann

submitted to *Astrophysical Journal*

5. “UV-Bright Star-Forming Clumps and Their Host Galaxies in UVCANDELS at  $0.5 \leq z \leq 1$ ”

A. Martin, Y. Guo, X. Wang, A.M. Koekemoer, M. Rafelski, H.I. Teplitz, R.A. Windhorst, A. Alavi, N.A. Grogin, L. Prichard, B. Sunnquist, D. Ceverino, N. Chartab, C.J. Conselice, Y.S. Dai, J.P. Gardner, **E. Gawiser**, N.P. Hathi, M.J. Hayes, R.A. Jansen, Z. Ji, D.C. Koo, R.A. Lucas, N. Mandelker, V. Mehta, B. Mobasher, K.V. Nedkova, J. Primack, S. Ravindranath, B.E. Robertson, M.J. Rutkowski, Z. Sattari, E. Soto, L.Y.A. Yung & The UVCANDELS Team

submitted to *Astrophysical Journal*

6. “The Lyman Continuum Escape Fraction of Star-forming Galaxies at  $z \geq 2.4$  from UVCANDELS”

X. Wang, H.I. Teplitz, B.M. Smith, R.A. Windhorst, M. Rafelski, V. Mehta, V., A. Alavi, G. Brammer, J. Colbert, N. Grogin, N.P. Hathi, A.M. Koekemoer, L. Prichard, C. Scarlata, B. Sunnquist, P.A. Haro, C. Conselice, **E. Gawiser**, Y. Guo, M. Hayes, R.A. Jansen, Z. Ji, R.A. Lucas, R. O’Connell, B. Robertson, M. Rutkowski, B. Siana, E. Vanzella, T. Ashcraft, M. Bagley, I. Baronchelli, G. Barro, A. Blanche, A. Broussard, T. Carleton, N. Chartab, Y. Cheng, A. Codoreanu, S. Cohen, Y.S. Dai, B. Darvish, R. Davé, L. DeGroot, D. De Mello, N. Emami, H. Ferguson, L. Ferreira, K. Finkelstein, S. Finkelstein, J. P. Gardner, T. Gburek, M. Giavalisco, A. Grazian, C. Gronwall, S. Hemmati, J. Howell, K. Iyer, S. Kaviraj, P. Kurczynski, M. Kuschel, I. Lazar, J. MacKenty, K. Bharadwaj Mantha, A. Martin, G. Martin, T. McCabe, B. Mobasher, K. Nedkova, C. Olsen, L. Otteson, S. Ravindranath, C. Redshaw, Z. Sattari, E. Soto, L.Y.A. Yung & The UVCANDELS Team

submitted to *Astrophysical Journal*, arXiv:2211.02056

## Refereed Journal Publications

- \*173. “Improved Tomographic Binning of 3x2pt Lens Samples: Neural Network Classifiers and Optimal Bin Assignments”

- Moskowitz, I., **Gawiser, E.**, Bault, A., Broussard, A., Newman, J.A., Zuntz, J. & The LSST Dark Energy Science Collaboration  
*Astrophysical Journal* 950, 49 (2023) [14 pages]
- \*172. “Searching for Conformity Across Cosmic Time with Local Group and Local Volume Star Formation Histories”  
 Olsen, C. & **Gawiser, E.**  
*Astrophysical Journal* 943, 30 (2023) [12 pages]
171. “ODIN: Where Do Ly $\alpha$  Blobs Live? Contextualizing Blob Environments within the Large-Scale Structure”  
 Ramakrishnan, V., Moon, B., Im, S.H., Farooq, R., Lee, K.-S., **Gawiser, E.**, Yang, Y., Park, C., Hwang, H.S., Valdes, F., Artale, M.C., Ciardullo, R., Dey, A., Gronwall, C., Guaita, L., Jeong, W.-S., Padilla, N., Singh, A., & Zabludoff, A.  
*Astrophysical Journal*, accepted, arXiv:2302.07860
170. “Stochastic Modelling of Star Formation Histories III. Constraints from Physically-Motivated Gaussian Processes”  
 Iyer, K.G., Speagle, J.S., Caplar, N., Forbes, J.C., **Gawiser, E.**, Leja, J. & Tacchella, S.  
*Astrophysical Journal*, accepted, arXiv:2208.05938
169. “Spectroscopic confirmation of CEERS NIRC*am*-selected galaxies at  $z \simeq 8 - 10$ ”  
 P. Arrabal Haro, M. Dickinson, S.L. Finkelstein, S. Fujimoto, V. Fernández, J.S. Kartaltepe, I. Jung, J.W. Cole, D. Burgarella, K. Chworowsky, T.A. Hutchison, A.M. Morales, C. Papovich, R.C. Simons, R.O. Amorín, B.E. Backhaus, M.B. Bagley, L. Bisigello, A. Calabrò, M. Castellano, N.J. Cleri, R. Davé, Romeel ; A. Dekel, H.C. Ferguson, A. Fontana, **Gawiser, E.**, M. Giavalisco, S. Harish, N.P. Hathi, M. Hirschmann, B.W. Holwerda, M. Huertas-Company, A.M. Koekemoer, R.L. Larson, R.A. Lucas, B. Mobasher, P.G. Pérez-González, N. Pirzkal, C. Rose, P. Santini, J.R. Trump, A. de la Vega, X. Wang, B.J. Weiner, S.M. Wilkins, G. Yang, L.Y.A. Yung & J.A. Zavala  
*Astrophysical Journal Letters*, accepted, arXiv:2304.05378
168. “A spatially resolved analysis of star-formation burstiness by comparing UV and H $\alpha$  in galaxies at  $z \sim 1$  with UVCANDELS”  
 Mehta, V., Teplitz, H.I., Scarlata, C., Wang, X., Alavi, A., Colbert, J., Rafelski, M., Grogin, N., Koekemoer, A., Prichard, L., Windhorst, R., Barber, J.M., Conselice, C.J., Dai, Y.S., Gardner, J.P., **Gawiser, E.**, Guo, Y., Hathi, N., Arrabal Haro, P., Hayes, M., Iyer, K.G., Jansen, R.A., Ji, Z., Kurczynski, P., Kuschel, M., Lucas, R.A., Mantha, K., O’Connell, R.W., Ravindranath, S., Robertson, B., Rutkowski, M., Siana, B., & Yung, L.Y.A.  
*Astrophysical Journal*, accepted, arXiv:2211.02056
167. “Fraction of Clumpy Star-forming Galaxies at  $0.5 \leq z \leq 3$  in UVCANDELS: Dependence on Stellar Mass and Environment”  
 Z. Sattari, B. Mobasher, N. Chartab, D.D. Kelson, H.I. Teplitz, M. Rafelski, N. Grogin, A.M. Koekemoer, X. Wang, R.A. Windhorst, A. Alavi, L. Prichard, B. Sunnquist, J.P. Gardner, **E. Gawiser**, N.P. Hathi, M.J. Hayes, Z. Ji, V. Mehta, B.E. Robertson, C. Scarlata, L.Y.A. Yung, C.J. Conselice, Y.S. Dai, Y. Guo, R.A. Lucas, A. Martin, S. Ravindranath & The UVCANDELS Team  
*Astrophysical Journal*, accepted, arXiv:2305.09021
166. “The catalog-to-cosmology framework for weak lensing and galaxy clustering for LSST ”

- Prat, J., Zuntz, J., Omori, Y., Chang, C., Tröster, T., Pedersen, E., García-García, C., Phillips-Longley, E., Sanchez, J., Alonso, D., **Gawiser, E.**, Heitmann, K., Ishak, M., Jarvis, M., Kovacs, E., Larsen, P., Mao, Y. -Y., Medina Varela, L., Zhang, Z., & The LSST Dark Energy Science Collaboration  
*Open Journal of Astrophysics* 6, 13 (2023) [31 pages]
165. “The Stellar Mass - Black Hole Mass Relation at  $z \sim 2$  Down to  $M_{\text{BH}} \sim 10^7 M_{\odot}$  Determined by HETDEX”  
Zhang, Y., Ouchi, M., Gebhardt, K., Liu, C., Harikane, Y., Mentuch Cooper, E., Davis, D., Farrow, D., **Gawiser, E.**, Hill, G.J., Kollatschny, W., Ono, Y., Schneider, D.P., Finkelstein, S.L, Gronwall, C., Jogee, S., & Krumpke, M.  
*Astrophysical Journal* 948, 103 (2023) [12 pages]
164. “A Joint Roman Space Telescope and Rubin Observatory Synthetic Wide-Field Imaging Survey”  
Troxel, M.A., Lin, C., Park, A., Hirata, C., Mandelbaum, R., Jarvis, M., Choi, A., Givans, J., Higgins, M., Sanchez, B., Yamamoto, M., Awan, H., Chiang, J., Walter, C.W., Cohen-Tanugi, J., **Gawiser, E.**, Hearin, A., Heitmann, K., Ishak, M., Kovacs, E., Mao, Y.-Y., Wood-Vasey, M., & LSST Dark Energy Science Collaboration  
*Monthly Notices of the Royal Astronomical Society* 522, p.2801-2820 (2023)
163. “Identifying Active Galactic Nuclei at  $z \sim 3$  from the HETDEX Survey Using Machine Learning”  
Tardugno Poleo, V., Finkelstein, S., Leung, G., Mentuch Cooper, E., Gebhardt, K., Farrow, D., **Gawiser, E.**, Zeimann, G., Schneider, D., Morabito, L., & Mock, D.  
*Astronomical Journal* 165, 153 (2023) [8 pages]
162. “The HETDEX Survey: Emission Line Exploration and Source Classification”  
Davis, D., Gebhardt, K., Mentuch Cooper, E., Fabricius, M., Farrow, D.J., Feldmeier, J.J., Finkelstein, S., **Gawiser, E.**, Gronwall, C., Hill, G.J., Hopp, U., House, L., Jeong, D., Kollat, W., Komatsu, E., Liu, C., Saito, S., Tuttle, S., Wold, I.G., Zeimann, G. & Zhang, Y.C.  
*Astrophysical Journal* 946, 86 (2023) [30 pages]
161. “CEERS Key Paper I: An Early Look into the First 500 Myr of Galaxy Formation with JWST”  
Finkelstein, S.L., Bagley, M.B., Ferguson, H.C., Wilkins, S.M., Kartaltepe, J.S., Papovich, C., Yung, L.Y.A., Arrabal Haro, P., Behroozi, P., Dickinson, M., Kocevski, D.D., Koekemoer, A.M., Larson, R.L., Le Bail, A., Morales, A.M., Perez-Gonzalez, P.G., Burgarella, D., Dave, R., Hirschmann, M., Somerville, R.S., Wuyts, S., Bromm, V., Casey, C.M., Fontana, A., Fujimoto, S., Gardner, J.P., Giavalisco, M., Grazian, A., Grogin, N.A., Hathi, N.P., Hutchinson, T.A., Jha, S.W., Jogee, S., Kewley, L.J., Kirkpatrick, A., Long, A.S., Lotz, J.M., Pentericci, L., Pierel, J.D.R., Pirzkal, N., Ravindranath, S., Ryan Jr., R.E., Trump, J.R., Yang, G., Bhatawdekar, R., Bisigello, L., Buat, V., Calabro, A., Castellano, M., Cleri, N.J., Cooper, M.C., Croton, D., Daddi, E., Dekel, A., Elbaz, D., Franco, M., **Gawiser, E.**, Holwerda, B.W., Huertas-Company, M., Jaskot, A.E., Leung, G.C.K., Lucas, R.A., Mobasher, B., Pandya, V., Tacchella, S., Weiner, B.J., & Zavala, J.A.  
*Astrophysical Journal Letters* 946, L13 (2023) [35 pages]
160. “The Physical Conditions of Emission-Line Galaxies at Cosmic Dawn from JWST/NIRSpec Spectroscopy in the SMACS 0723 Early Release Observations”  
Trump, J.R., Arrabal Haro, P., Simons, R.C., Backhaus, B.E., Amorin, R.O., Dickinson, M., Fernandez, V., Papovich, C., Nicholls, D.C., Kewley, L.J., Brunner, S.W., Salzer, J.J., Wilkins, S.M., Almaini, O., Bagley, M.B., Berg, D.A., Bhatawdekar, R., Bisigello, L., Buat, V., Burgarella, D., Calabro, A., Casey, C.M., Ciesla, L., Cleri, N.J., Cole, J.W., Cooper, M.C., Cooray, A.R., Constantin,

L., Ferguson, H.C., Finkelstein, S.L., Fujimoto, S., Gardner, J.P., **Gawiser, E.**, Giavaliso, M., Grazian, A., Grogin, N.A., Hathi, N.P., Hirschmann, M., Holwerda, B.W., Huertas-Company, M., Hutchinson, T.A., Jogee, S., Juneau, S., Jung, I., Kartaltepe, J.S., Kirkpatrick, A., Kocevski, D.D., Koekemoer, A.M., Lotz, J.M., Lucas, R.A., Magnelli, B., Matharu, J., Perez-Gonzalez, P.G., Pirzkal, N., Rafelski, M., Rose, C., Seille, L.-M., Somerville, R.S., Straughn, A.N., Tacchella, S., Vanderhoof, B.N., Weiner, B.J., Wuyts, S., Yung, L.Y.A. & Zavala, J.A.

*Astrophysical Journal* 945, 35 (2023) [11 pages]

159. “A dusty starburst masquerading as an ultra-high redshift galaxy in JWST CEERS observations”

Zavala, J.A., Buat, V., Casey, C.M., Burgarella, D., Finkelstein, S.L., Bagley, M.B., Ciesla, L., Daddi, E., Dickinson, M., Ferguson, H.C., Franco, M., Jimenez-Andrade, E.F., Kartaltepe, J.S., Koekemoer, A.M., Le Bail, A., Murphy, E.J., Papovich, C., Tacchella, S., Wilkins, S.M., Fontana, A., Giavaliso, M., Grazian, A., Grogin, A.N., Kocevski, D.D., Kirkpatrick, A., Lotz, J.M., Pentericci, L., Perez-Gonzalez, P.G., Pirzkal, N., Ravindranath, S., Somerville, R.S., Trump, J.R., Yang, G., Yung, L.Y.A., Almaini, O., Amorin, R.O., Annunziatella, M., Arrabal Haro, P., Backhaus, B.E., Barro, G., Behroozi, P., Bell, E.F., Bhatawdekar, R., Bisigello, L., Buitrago, F., Calabro, A., Castellano, M., Chavez Ortiz, O.A., Chworowsky, K., Cleri, N.J., Cohen, S.H., Cole, J.W., Cooke, K.C., Cooper, M.C., Cooray, A.R., Constantin, L., Cox, I.G., Croton, D., Daddi, E., Davé, R., de la Vega, A., Dekel, A., Elbaz, D., Estrada-Carpenter, V., Fernandez, V., Finkelstein, K.D., Freundlich, J., Fujimoto, S., Garcia-Argumanez, A., Gardner, J.P., **Gawiser, E.**, Gomez-Guijarro, C., Guo, Y., Hamilton, T.S., Hathi, N.P., Hirschmann, M., Holwerda, B.W., Huertas-Company, M., Hutchinson, T.A., Iyer, K.G., Jaskot, A.E., Jha, S.W., Jogee, S., Juneau, S., Jung, I., Kassin, S.A., Kurczynski, P., Larson, R.L., Leung, G.C.K., Lucas, R.A., Magnelli, B., Mantha, K.B., Matharu, J., McGrath, E.J., McIntosh, D.H., Medrano, A., Merlin, E., Mobasher, B., Morales, A.M., Newman, J.A., Nicholls, D.C., Pandya, V., Rafelski, M., Ronayne, K., Rose, C., Ryan, R.E., Santini, P., Seille, L.-M., Shah, E.A., Shen, L., Simons, R.C., Snyder, G.F., Stanway, E.R., Straughn, A.N., Teplitz, H.I., Vanderhoof, B.N., Vega-Ferrero, J., Wang, W., Weiner, B.J., Willmer, C.N.A. & Wuyts, S.

*Astrophysical Journal Letters* 943, L9 (2023) [14 pages]

158. “HETDEX Public Source Catalog 1: 280K Sources including over 50K Lyman Alpha Emitters From an Untargeted Wide-area Spectroscopic Survey”

Mentuch Cooper, E., Gebhardt, K., Davis, D., Farrow, D.J., Liu, C., Zeimann, G., Ciardullo, R., Feldmeier, J.J., Drory, N., Jeong, D., Benda, B., Bowman, W.P., Boylan-Kolchin, M., Chevez Ortiz, O.A., Debski, M.H., Dentler, M., Fabricius, M., Farooq, R., Finkelstein, S., **Gawiser, E.**, Gronwall, C., Hill, G.J., Hopp, U., House, L.R., Khoraminezhad, H., Kollatschny, W., Komatsu, E., Landriau, M., Lujan Niemeyer, M., Lee, H., MacQueen, P., Mawatari, K. McKay, B., Ouchi, M., Poppe, J., Saito, S., Schneider, D.P., Snigula, J., Thomas, B.P., Tuttle, S., Weiss, L., Wisotzki, L., Zhang, Y.C., & The HETDEX Collaboration

*Astrophysical Journal* 943, 177 (2023) [30 pages]

157. “Investigating the Dominant Environmental Quenching Process in UVCANDELS/COSMOS Groups”

Kuschel, M., Scarlata, C., Mehta, V., Teplitz, H.I., Rafelski, M., Wang, X., Sunnquist, B., Prichard, L., Grogin, N., Windhorst, R., Rutkowski, M., Alavi, A., Chartab, N., Conselice, C.J., Dai, Y.S., **Gawiser, E.**, Giavaliso, M., Arrabal Haro, P., Hathi, N., Jansen, R., Ji, Z., Koekemoer, A., Lucas, R.A., Mantha, K., Mobasher, B., O’Connell, R.W., Robertson, B., Sattari, Z., Yung, L.Y.A., Dave, R., DeMello, D., Dickinson, M., Ferguson, H., Finkelstein, S.L., Haybe, M., Howell, J., Kaviraj, S., Mackenty, J.W. & Siana, B.

*Astrophysical Journal* 947, 17 (2023) [10 pages]

156. “CEERS Key Paper III: The Resolved Host Properties of AGN at  $3 < z < 5$  with JWST”

Kocevski, D.D., Barro, G., McGrath, E.J., Finkelstein, S.L., Bagley, M.B., Ferguson, H.C., Jogee, S., Yang, G., Dickinson, M., Hathi, N.P., Backhaus, B.E., Bell, E.F., Bisigello, L., Buat, V., Burgarella, D., Casey, C.M., Cleri, N.J., Cooper, M.C., Constantin, L., Croton, D., Daddi, E., Fontana, A., Fujimoto, S., Gardner, J.P., **Gawiser, E.**, Giavalisco, M., Grazian, A., Grogin, N.A., Guo, Y., Arrabal Haro, P., Hirschmann, M., Holwerda, B.W., Huertas-Company, M., Hutchinson, T.A., Iyer, K.G., Jones, B., Juneau, S., Kartaltepe, J.S., Kewley, L.J., Kirkpatrick, A., Koekemoer, A.M., Kurczynski, P., Le Bail, A., Long, A.S., Lotz, J.M., Lucas, R.A., Papovich, C., Pentericci, L., Perez-Gonzalez, P.G., Pirzkal, N., Rafelski, M., Ravindranath, S., Somerville, R.S., Straughn, A.N., Tacchella, S., Trump, J.R., Wilkins, S.M., Wuyts, S. Yung, L.Y.A. & Zavala, J.A.

*Astrophysical Journal Letters* 946, L14 (2023) [14 pages]

155. “Optimized Photometric Redshifts for the Cosmic Assembly Near-Infrared Deep Extragalactic Legacy Survey (CANDELS)”

Kodra, D., Andrews, B.H., Newman, J.A., Finkelstein, S., Fontana, A., Hathi, N., Salvato, M., Wiklind, T., Wuyts, S., Broussard, A., Chartab, N., Conselice, C., Cooper, M.C., Dekel, A., Dickinson, M., Ferguson, H.C., **Gawiser, E.**, Grogin, N.A., Iyer, K., Kartaltepe, J., Kassin, S., Koekemoer, A.M., Koo, D.C., Lucas, R.A., Bharadway Mantha, K., McIntosh, D.H., Mobasher, B., Pacific, C., Perez-Gonzalez, P.G. & Santini, P.

*Astrophysical Journal* 942, 36 (2023) [25 pages]

\*154. “Improved Measurements of Galaxy Star Formation Stochasticity from the Intrinsic Scatter of Burst Indicators”

Broussard, A., **Gawiser, E.** & Iyer, K.G.

*Astrophysical Journal* 939, 35 (2022) [12 pages]

153. “A Long Time Ago in a Galaxy Far, Far Away: A Candidate  $z \sim 12$  Galaxy in Early JWST CEERS Imaging”

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68. “CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey - The Hubble Space Telescope Observations, Imaging Data Products and Mosaics”

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67. “The HETDEX Pilot Survey. II. The Evolution of the Ly $\alpha$  Escape Fraction from the UV Slope and Luminosity Function of  $1.9 < z < 3.8$  LAEs”

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 arXiv:1708.04058 (2017) [312 pages]
9. “Maximizing Science in the Era of LSST: A Community-Based Study of Needed US OIR Capabilities”  
 Najita, J., Willman, B. & 49 co-authors, including **Gawiser, E.**

arXiv:1610.01661 (2016) [174 pages]

8. “The Whole is Greater than the Sum of the Parts: Optimizing the Joint Science Return from LSST, Euclid and WFIRST”

Jain, B., Spergel, D. et al., including **Gawiser, E.**

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7. “Large Synoptic Survey Telescope: Dark Energy Science Collaboration”

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arXiv:1211.0310 (2012) [133 pages]

6. “Addressing Decadal Survey Science through Community Access to Highly Multiplexed Spectroscopy with BigBOSS on the KPNO Mayall Telescope” [NSF AST Portfolio Review]

Pilachowski, C. et al., including **Gawiser, E.**

arXiv:1211.0285 (2012) [5 pages]

5. “Science Frontiers in Galaxy Evolution: Deep-Wide Surveys” [Astro2010]

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[http://sites.nationalacademies.org/BPA/BPA\\_050603](http://sites.nationalacademies.org/BPA/BPA_050603) (2009) [8 pages]

4. “Research Science and Education: The NSF’s Astronomy and Astrophysics Postdoctoral Fellowship” [Astro2010]

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3. “Increasing the Number of Underrepresented Minorities in Astronomy: Executive Summary” [Astro2010]

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## Research Notes and Other Publications

11. “DESC DC2 Data Release Note”

LSST Dark Energy Science Collaboration, Abolfathi, B., Armstrong, R., Awan, H., Babuji, Y.N., Bauer, F.E., Beckett, G., Biswas, R., Bogart, J.R., Boutigny, D., Chard, K., Chiang, J., Cohen-Tanugi, J., Connolly, A.J., Daniel, S.F., Digel, S. W., Drlica-Wagner, A., Dubois, R., **Gawiser, E.**, Glanzman, T., Habib, S., Hearin, A.P., Heitmann, K., Hernandez, F., Hložek, R., Hollowed, J., Jarvis, M., Jha, S.W., Kalmbach, B.J., Kelly, H.M., Kovacs, E., Korytov, D., Krughoff, K.S., Lage, C.S., Lanusse, F., Larsen, P., Li, N., Longley, E.P., Lupton, R.H., Mandelbaum, R., Mao, Y.-Y., Marshall, P.,



Meyers, J.E., Park, J.W., Peloton, J., Perrefort, D., Perry, J., Plaszczynski, S., Pope, A., Rykoff, E.S., Sánchez, F.J., Schmidt, S.J., Uram, T.D., Villarreal, A., Walter, C.W., Wiesner, M.P., & Wood-Vasey, W.M.

arXiv:2101.04855 (2021) [20 pages]

10. “Recommended Target Fields for Commissioning the Vera C. Rubin Observatory ”

Amon, A., Bechtol, K., Connolly, A. J., Digel, S. W., Drlica-Wagner, A., **Gawiser, E.**, Jarvis, M., Jha, S. W., von der Linden, A., Moniez, M., Narayan, G., Regnault, N., Sevilla-Noarbe, I., Schmidt, S. J., Suyu, S. H., & Walter, C.W.

arXiv:2010.15318 (2020) [37 pages]

9. “The LSST Dark Energy Science Collaboration (DESC) Science Requirements Document”

The LSST Dark Energy Science Collaboration, Mandelbaum, R., Eifler, T., Hlozek, R., Collett, T., **Gawiser, E.**, Scolnic, D., and 28 additional authors

arXiv:1809.01669 (2018) [94 pages]

\*8. “Making the Job Application Process More Efficient”

**Gawiser, E.** & McSwain, M.V.

*AAS Newsletter Issue 151*, p. 16-17 (2010)

7. “LSST Science Book, Version 2.0”

Large Synoptic Survey Telescope Science Collaborations: 247 authors, including **Gawiser, E.**

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\*6. “Lyman-Alpha Emitting Galaxies at  $z=3.1$ : Progenitors of Present-Day  $L^*$  Galaxies”

**Gawiser, E.**, Gronwall, C., Ciardullo, R., Feldmeier, J. & MUSYC Collaboration

*NOAO/NSO Newsletter Issue 93*, p. 4-6 (2008)

5. “Results from the Multiwavelength Survey by Yale-Chile (MUSYC)”

Treister, E., **Gawiser, E.**, van Dokkum, P.G., Lira, P., Urry, C.M. & MUSYC Collaboration

*The Messenger* (European Southern Observatory) vol. 129, p.45-48 (2007)

\*4. “A Rejuvenated Universe Without Initial Singularity”

**Gawiser, E.**

arXiv:astro-ph/0312440 (2003) [11 pages]

\*3. “The WOMBAT Challenge: A ”Hounds and Hares” Exercise for Cosmology”

**Gawiser, E.**, Finkbeiner, D., Jaffe, A., Baker, J.C., Balbi, A., Davis, M., Hanany, S., Holzappel, W., Moustakas, L., Robinson, J., Scannapieco, E., Smoot, G.F. & Silk, J.

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\*2. “Observational Constraints on Microwave Anisotropy from Point Sources”

**Gawiser, E.**, Jaffe, A., & Silk, J.

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arXiv:astro-ph/9805181 (1998) [6 pages]

## Conference Abstracts and Circulars

- \*132. “Searching for Conformity Across Cosmic Time with Local Group and Local Volume Star Formation Histories”  
Olsen, C. & **Gawiser, E.**,  
*American Astronomical Society Meeting 240*, 310.02 (2022)
131. “Where do Ly $\alpha$  Blobs live? The first statistical study of the protocluster-blob connection”  
Ramakrishnan, V., Moon, B., Dey, A., Farooq, R., **Gawiser, E.**, Huang, Y., Lee, K.-S., Park, C., Valdes, F., & Yang, Y.  
*American Astronomical Society Meeting 240*, 428.05 (2022)
130. “Detectable Signatures of Star Formation Stochasticity in Galaxy Spectra”  
Iyer, K., Speagle, J., Caplar, N., Forbes, J., **Gawiser, E.**, Leja, J. & Tacchella, S.  
*American Astronomical Society Meeting 240*, 224.04 (2022)
129. “Investigating the Effect of Bursty Star Formation on Dwarf Galaxy UV Spectral Slopes at  $z \sim 0.9$ ”  
Siana, B., Snapp-Kolas, C., Gburek, T., Teplitz, H., Alavi, A., Guo, Y., **Gawiser, E.**, Broussard, A., Emami, N., Rafelski, M., Dickinson, M., Mehta, V., Scarlata, C., Pharo, J., Wang, X., Finkelstein, S. & UVCANDELS Team  
*American Astronomical Society Meeting 240*, 412.03 (2022)
128. “The Lyman Continuum Escape Fraction of Galaxies and AGN at  $z > 2.4$  in the UVCANDELS fields”  
Wang, X., Smith, B., Teplitz, H., Windhorst, R., Rafelski, M., Alavi, A., Cohen, S., Colbert, J., Conselice, C., **Gawiser, E.**, Grogin, N., Guo, Y., Hathi, N., Ji, Z., Koekemoer, A., Lucas, R., Mehta, V., Prichard, L., Rutkowski, M., Sunnquist, Bl., Ashcraft, T., Blanche, A., de Mello, D., Grazian, A., Jansen, R., McCabe, T., Nonino, M., O’Connor, R., Otteson, L., Paris, D., Redshaw, C., Scarlata, C. & UVCANDELS Team  
*American Astronomical Society Meeting 240*, 224.06 (2022)
- \*127. “Star Formation Histories from CMDs and SEDs Agree: Evidence for Synchronized Star Formation in Local Volume Dwarf Galaxies over the Past 3 Gyrs”  
Olsen, C., **Gawiser, E.**, Iyer, K., McQuinn, K.B., Johnson, B.D., Telford, G., Wright, A.C., Broussard, A. & Kurczynski, P.  
*American Astronomical Society Meeting 238*, 331.08 (2021)
126. “IceCube-210210A: Two Additional Optical Candidate Counterparts Found by DECam”  
Morgan, R., Garcia, A., Drlica-Wagner, A., Vivas, K., Herner, K., Bechtol, K., Lee, K., **Gawiser, E.**, Chiang, Y.-K., & Yang, Y.  
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125. “IceCube-210210A: Four Candidate Optical Counterparts from DECam Observations ”  
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- \*124. “Towards an LSST Platinum Sample: Using Machine Learning to Identify Galaxies with Highly Accurate Photo- $z$ ’s”  
Broussard, A. & **Gawiser, E.**  
*American Astronomical Society Meeting 237*, 443.06 (2021)

- \*123. “Probing Cosmic Conformity in Local Volume Dwarf Galaxies with Star Formation Histories from CMDs and SEDs”  
Olsen, C., **Gawiser, E.**, Iyer, K., Kurczynski, P. & Broussard, A.  
*American Astronomical Society Meeting 237*, 434.01 (2021)
- \*122. “Updated Measurements of Star Formation Stochasticity Measured from the Distribution of Burst Indicators”  
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- \*121. “Star Formation Stochasticity Measured with the Burst State Indicator”  
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*American Astronomical Society Meeting 233*, 144.27 (2019)
- \*120. “The Origin and Evolution of the Galaxy Star Formation Rate-Stellar Mass Correlation”  
**Gawiser, E.J.** & Iyer, K.  
*American Astronomical Society Meeting 231*, 426.06 (2018)
- \*119. “Exploring the Low Stellar Mass Regime of the SFR- $M_*$  Correlation at  $z < 6$ ”  
Iyer, K. & **Gawiser, E.J.**  
*American Astronomical Society Meeting 231*, 426.03 (2018)
118. “Learning the Relationship between Galaxy Spectra and Star Formation Histories”  
Lovell, C., Acquaviva, V., Iyer, K. & **Gawiser, E.J.**  
*American Astronomical Society Meeting 231*, 239.02 (2018)
- \*117. “Big Data in the SHELA Field: Investigating Galaxy Quenching at High Redshifts”  
Stevans, M.L., Finkelstein, S.L., Wold, I., Kawinwanichakij, L., Sherman, S., Gebhardt, K., Jogee, S., Papovich, C.J., Ciardullo, R., Gronwall, C., **Gawiser, E.J.**, Acquaviva, V., Caitlin, C., Florez, J. & the HETDEX Team  
*American Astronomical Society Meeting 230*, 316.07 (2017)
- \*116. “Reconstruction of Galaxy Star Formation Histories through SED Fitting: The Dense Basis Approach”  
Iyer, K. & **Gawiser, E.J.**  
*American Astronomical Society Meeting 229*, 347.22 (2017)
- \*115. “Testing LSST Dither Strategies for Large-scale Structure Systematics”  
Awan, H., **Gawiser, E.J.** & Kurczynski, P.  
*American Astronomical Society Meeting 229*, 128.04 (2017)
- \*114. “Fast-Timescale Star Formation at  $z \sim 1$  Revealed by H alpha”  
Kurczynski, P., **Gawiser, E.J.**, Acquaviva, V., Rafelski, M., Teplitz, H.I., UVUDF Team & CANDELS Team  
*American Astronomical Society Meeting 229*, 214.04 (2017)
- \*113. “Explaining the Three-decade Correlation between Star Formation Rate and Stellar Mass in Galaxies at  $z \sim 1$ ”  
**Gawiser, E.J.**, Kurczynski, P., Acquaviva, V., UVUDF Team & CANDELS Team

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- \*112. “Evolution of Intrinsic Scatter in the SFR-Stellar Mass Correlation at  $0.5 < z < 3.0$ ”  
 Kurczynski, P., **Gawiser, E.J.**, Acquaviva, V., Rafelski, M., Teplitz, H.I., UVUDF Team & CANDELS Team  
*American Astronomical Society Meeting 227*, 124.03 (2016)
- \*111. “A Catalog of  $z = 3.1$  Lyman Alpha Emitting Galaxies Discovered in Narrow-band Imaging of MUSYC 1030+05”  
 Christenson, H., Gangolli, N., Raney, C.A., Walker, J.P., **Gawiser, E.J.**, & MUSYC Collaboration  
*American Astronomical Society Meeting 227*, 342.48 (2016)
- \*110. “The Star Formation Rate-Stellar Mass Correlation: Does the Scatter Matter?”  
**Gawiser, E.J.**  
*American Astronomical Society Meeting 225*, 329.02 (2015)
- \*109. “Optimizing the LSST Dither Pattern for Survey Uniformity”  
 Awan, H., **Gawiser, E.J.**, Kurczynski, P., Carroll, C.M. & LSST Dark Energy Science Collaboration  
*American Astronomical Society Meeting 225*, 255.18 (2015)
- \*108. “Bayesian Identification of Emission-Line Galaxies with Photometric Equivalent Widths”  
 Leung, A., **Gawiser, E.J.**, Acquaviva, V. & HETDEX Collaboration  
*American Astronomical Society Meeting 225*, 336.49 (2015)
- \*107. “What Determines the Strength of Lyman Alpha Emission in Star-Forming Galaxies?”  
 Bish, H., **Gawiser, E.J.**, Acquaviva, V. & CANDELS Team  
*American Astronomical Society Meeting 225*, 143.55 (2015)
- \*106. “Sizing Up Dwarf Galaxies at  $z > 1$ : UV Colors, Stellar Masses and Star Formation Rates”  
 Kurczynski, P., **Gawiser, E.J.**, Rafelski, M., Teplitz, H.I., de Mello, D.F., Finkelstein, S.L., Gardner, J.P., Koekemoer, A.M., Soto, E. & UVUDF Team  
*American Astronomical Society Meeting 225*, 329.07 (2015)
105. “Simultaneous Estimation of Photometric Redshifts and SED Parameters: Improved Techniques and a Realistic Error Budget”  
 Acquaviva, V., Raichoor, A. & **Gawiser, E.J.**  
*American Astronomical Society Meeting 225*, 231.06 (2015)
104. “UVUDF: Ultraviolet Imaging of the Hubble Ultra Deep Field with Wide-Field Camera 3”  
 Teplitz, H.I., Rafelski, M., Kurczynski, P., Bond, N.A., Soto, E., Grogin, N.A., Koekemoer, A.M., Atek, H., Brown, T.M., Coe, D.A., Colbert, J.W., Dai, Y.S., Ferguson, H.C., Finkelstein, S.L., Gardner, J.P., **Gawiser, E.J.**, Giavalisco, M., Gronwall, C., Hanish, D., Lee, K.-S., Levay, Z.G., De Mello, D.F., Ravindranath, S., Ryan, R.E., Siana, B.D., Scarlata, C., Voyer, E. & Windhorst, R.A.  
*American Astronomical Society Meeting 224*, 417.06 (2014)
- \*103. “Optimizing the LSST Dither Pattern for Dark Energy Studies”  
**Gawiser, E.J.**, Carroll, C.M., Kurczynski, P., Jones, R.L., Sonawalla, A., Bailey, R., Krughoff, K.S. & LSST Dark Energy Science Collaboration  
*American Astronomical Society Meeting 223*, 343.08 (2014)

- \*102. “Improving the LSST Observing Cadence for Type Ia Supernovae”  
Carroll, C.M., **Gawiser, E.J.**, Jha, S., Kurczynski, P., Biswas, R., Cinabro, D., Jones, R.L., Wood-Vasey, W.M. & LSST Dark Energy Science Collaboration  
*American Astronomical Society Meeting 223*, 343.07 (2014)
- \*101. “Restframe UV colors of  $1 < z < 4$  star-forming galaxies in the Hubble Ultraviolet UltraDeep Field (UVUDF)”  
Kurczynski, P., **Gawiser, E.J.**, Teplitz, H.I., Rafelski, M., Finkelstein, S.L. & UVUDF Team  
*American Astronomical Society Meeting 223*, 133.02 (2014)
- \*100. “Assembly Bias Has a Non-monotonic Dependence on Halo Age”  
Walker, Jean P., **Gawiser, E.J.** & Padilla, N.  
*American Astronomical Society Meeting 223*, 332.04 (2014)
- \*99. “To Stack or Not To Stack: Spectral Energy Distribution Properties of Lyman Alpha Emitting Galaxies at  $z = 2.1$ ”  
Vargas, C.J., Bish, H., Acquaviva, V., **Gawiser, E.J.**, Finkelstein, S.L., Ciardullo, R., CANDELS Collaboration & MUSYC Collaboration  
*American Astronomical Society Meeting 223*, 310.04 (2014)
- \*98. “To Stack or Not To Stack: Physical Properties of Lyman- $\alpha$  Emitting Galaxies at  $z = 2.1$ ”  
Bish, H., Vargas, C.J., Acquaviva, V., **Gawiser, E.J.**, Finkelstein, S.L., Ciardullo, R., MUSYC Collaboration & CANDELS Collaboration  
*American Astronomical Society Meeting 223*, 145.05 (2014)
97. “Further Studies of Lyman-alpha Galaxy Halos in MUSYC-LAE Fields”  
Feldmeier, J.J., Hagen, A., Ciardullo, R., **Gawiser, E.J.**, Gronwall, C. & MUSYC Collaboration  
*American Astronomical Society Meeting 223*, 246.43 (2014)
96. “Spectral Energy Distribution Fitting of HETDEX Pilot Survey Lyman-alpha Emitters in COSMOS and GOODS-N”  
Hagen, A., Gronwall, C., Ciardullo, R., Acquaviva, V., Zeimann, G., Bridge, J., **Gawiser, E.J.**, Bond, N.A. & HETDEX Team  
*American Astronomical Society Meeting 223*, 246.31 (2014)
- \*95. “LSST as a Large-Scale Structure Telescope: Probing Cosmology and Galaxy Formation”  
**Gawiser, E.J.**, Zhan, H., Abate, A., Acquaviva, V., Bradshaw, A., Brunner, R.J., Ho, S., Newman, J., Tyson, J.A. & LSST Large Scale Structure Science Collaboration  
*American Astronomical Society Meeting 221*, 247.08 (2013)
- \*94. “Lyman Break Galaxies at  $z < 3$  in the Ultraviolet Hubble Ultradeep Field”  
Kurczynski, P., **Gawiser, E.J.**, Teplitz, H.I., Rafelski, M., Bond, N.A., Ravindranath, S., De Mello, D.F. & UVUDF Team  
*American Astronomical Society Meeting 221*, 228.02 (2013)
- \*93. “Physical Properties of Lyman Alpha Emitters in CANDELS”  
Bish, H., Vargas, C.J., **Gawiser, E.J.**, Acquaviva, V. & Finkelstein, S.L.  
*American Astronomical Society Meeting 221*, 147.32 (2013)
- \*92. “To Stack or Not to Stack: Lessons from  $z = 2.1$  Lyman-Alpha Emitting Galaxies”

- Vargas, C.J., Bish, H., **Gawiser, E.J.**, Acquaviva, V., Finkelstein, S.L., CANDELS & MUSYC Collaborations  
*American Astronomical Society Meeting 221*, 112.08 (2013)
- \*91. “SED Fitting and Photometric Redshift Estimation: A Joint Analysis”  
 Acquaviva, V., Raichoor, A. & **Gawiser, E.J.**  
*American Astronomical Society Meeting 221*, 112.07 (2013)
90. “The Panchromatic Hubble Ultra Deep Field: Ultraviolet Coverage”  
 Teplitz, H.I., Rafelski, M., Grogin, N.A., Koekemoer, A.M., Siana, B.D., Atek, H., Bond, N.A., Brown, T.M., Coe, D.A., Colbert, J.W., De Mello, D.F., Ferguson, H.C., Finkelstein, S.L., Gardner, J.P., **Gawiser, E.J.**, Giavalisco, M., Gronwall, C., Hanish, D., Kurczynski, P., Lee, K., Ravindranath, S., Ryan, R.E., Scarlata, C., Voyer, E. & Wolfe, A.M.  
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- \*89. “Lyman Alpha Tomography”  
**Gawiser, E.**, Kanarek, G., Ciardullo, R., Gronwall, C. & MUSYC Collaboration  
*American Astronomical Society Meeting 220*, 429.08 (2012)
88. “HETDEX and the Evolution of The Physical Properties of Lyman-Alpha Emitting Galaxies”  
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*American Astronomical Society Meeting 220*, 429.07 (2012)
87. “Ultraviolet Observations of the Hubble Ultra Deep Field”  
 Rafelski, M., Teplitz, H., Grogin, N., Koekemoer, A., Siana, B., Atek, H., Bond, N. A., Brown, T. M., Coe, D., Colbert, J., Ferguson, H. C., Finkelstein, S. L., Gardner, J. P., **Gawiser, E.**, Giavalisco, M., Gronwall, C., Hanish, D., Kurczynski, P., Lee, K., Ravindranath, S., Scarlata, C., Voyer, E., Wolfe, A. & de Mello, D. F.  
*American Astronomical Society Meeting 220*, 410,94 (2012)
- \*86. “Lyman Alpha Tomography”  
**Gawiser, E.**, Kanarek, G., Ciardullo, R., Gronwall, C. & MUSYC Collaboration  
*American Astronomical Society Meeting 219*, 402.08 (2012)
- \*85. “MCMC SED Fitting Of CANDELS Galaxies: A Realistic Error Budget”  
 Acquaviva, V., **Gawiser, E.** & the CANDELS Team  
*American Astronomical Society Meeting 219*, 416.07 (2012)
- \*84. “Present-day Descendants of  $z = 3.1$  Ly $\alpha$  Emitting Galaxies In The Millennium-II Halo Merger Trees”  
 Walker, J.P., **Gawiser, E.**, Bond, N.A., Padilla, N. & Francke, H.  
*American Astronomical Society Meeting 219*, 340.10 (2012)
- \*83. “Individual And Rest-frame Composite Spectra Of Ly $\alpha$  Emitting And UV Continuum-selected Galaxies At  $2 < z < 3.5$ ”  
 Berry, M., **Gawiser, E.**, Guaita, L., Padilla, N. & Treister, E.  
*American Astronomical Society Meeting 219*, 340.12 (2012)
- \*82. “Extremely High SFRs In  $z \sim 2$  Galaxies: Multiwavelength Estimation vs. H $\alpha$  Spectroscopy”

- Kurczynski, P., **Gawiser, E.**, Huynh, M., Ivison, R. J., Treister, E., Blanc, G. A., Schinnerer, E., van der Werf, P., Urry, M., Cardamone, C., Greve, T., Smail, I. & Swinbank, M.  
*American Astronomical Society Meeting 219*, 202.07 (2012)
- \*81. “Exploring the Photometric Properties of  $z = 3.1$  Lyman Alpha Emitting Galaxies”  
 Vargas, C., Acquaviva, V., **Gawiser, E.**, Lai, K. & MUSYC Collaboration  
*American Astronomical Society Meeting 219*, 340.11 (2012)
80. “LSST Probes of Dark Energy: New Energy vs New Gravity”  
 Bradshaw, A., Tyson, A., Jee, M. J., Zhan, H., Bard, D., Bean, R., Bosch, J., Chang, C., Clowe, D., Dell’Antonio, I., **Gawiser, E.**, Jain, B., Jarvis, M., Kahn, S., Knox, L., Newman, J., Wittman, D. and the LSST Weak Lensing & LSS Science Collaborations  
*American Astronomical Society Meeting 219*, 156.01 (2012)
79. “HETDEX: The Physical Properties of Lyman-alpha Emitters”  
 Gronwall, C., Blanc, G., Ciardullo, R., Finkelstein, S., **Gawiser, E.**, Gebhardt, K. & HETDEX Collaboration  
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78. “HETDEX: Evolution of Lyman Alpha Emitters”  
 Blanc, G.A., Gebhardt, K., Hill, G. J., Gronwall, C., Ciardullo, R., Finkelstein, S., **Gawiser, E.** & HETDEX Collaboration  
*American Astronomical Society Meeting 219*, 424.13 (2012)
77. “SHELA: The Spitzer-HETDEX Exploratory Large Area Survey”  
 Papovich, C.J., Gebhardt, K., Behroozi, P., Bender, R., Blanc, G. A., Ciardullo, R., DePoy, D., de Jong, R., Drory, N., Evans, N., Fabricius, M., Finkelstein, S., **Gawiser, E.**, Greene, J., Gronwall, C., Hill, G., Hopp, U., Jogee, S., Lacy, M., Landriau, M., Marshall, J., Tuttle, S., Somerville, R., Steinmetz, M., Suntzeff, N., Tran, K., Wechsler, R. & Wisotzki, L.  
*American Astronomical Society Meeting 219*, 424.09 (2012)
76. “X-ray Constraints on the Lyman Alpha Escape Fraction”  
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*American Astronomical Society Meeting 218*, 228.28 (2011)
- \*75. “Emission Line Profiles of Lyman Alpha Emitting Galaxies at  $z = 2.1$  and  $z = 3.1$ ”  
**Gawiser, E.**, Berry, M.J., Guaita, L., Padilla, N., Treister, E. & MUSYC Collaboration  
*American Astronomical Society Meeting 217*, 407.02 (2011)
- \*74. “Present-Day Descendants of  $z = 3.1$  Ly $\alpha$  Emitting Galaxies in the Millennium-II Halo Merger Trees”  
 Walker, J.P., **Gawiser, E.** & Bond, N.  
*American Astronomical Society Meeting 217*, 407.01 (2011)
- \*73. “Panchromatic Estimation of Star Formation Rates in BzK Galaxies”  
 Kurczynski, P., **Gawiser, E.**, Huynh, M., Ivison, R.J., Treister, E., Smail, I., Blanc, G.A., Cardamone, C.N., Greve, T.R., Schinnerer, E., Urry, M., van der Werf, P. & Walter, F.  
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- \*72. “SED Fitting with Markov Chain Monte Carlo: The Case of  $z = 2.1$  Lyman Alpha Emitters”  
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- \*51. “The Rest-ultraviolet Morphologies Of  $z = 3.1$  Ly $\alpha$  Emitters In The ECDF-S”  
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- \*50. “Sweeping Up The Dust: A Sub-millimeter Stacking Analysis Of High-redshift Star Forming Galaxies”  
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