

J. L. Higdon's Publications (16 July 2008)

Refereed Publications (46)

J. L. Higdon, S. J. U. Higdon, S. Willner, P. Eisenhardt, D. Stern, E. Le Floch, and M. Brown, “A Comparison of the Radio and Infrared Selected Optically ‘Invisible’ Source Populations in the NDWFS Region In Bootes”, 2008, ApJ, 685, 100

R. A. Koopmann, R. Giovanelli, M. P. Haynes, B. Kent, T. J. Balonek, N. Brosch, J. L. Higdon, J. J. Snazer, and O. Spector, “A 500 kpc HI Extension of the Virgo Pair NGC 4532/DDO 137 Detected by the Arecibo Legacy Fast ALFA (ALFALA) Survey”, 2008, ApJ, 682, L85

O. Miettinen, S. Kotinen, J. Harju, and J. L. Higdon, “Radio Continuum Imaging of the R CrA Star-forming Region with the ATCA”, 2008, A&A, in press. (astro-ph/0805.1124)

B. Bussmann, A. Day, J. Lotz, L. Armus, K. Brand, M. Brown, P. Eisenhardt, J. L. Higdon, S. J. U. Higdon, B. Jannuzi, E. Le Floch, J. Melbourne, B. Soifer, and D. Weedman, “HST Morphologies of Z~2 Dust Obscured Galaxies”, submitted to ApJ

K. Tyler, E. Le Floch, G. Rieke, K. Brand, D. Weedman, C. Borys, L. Armus, H. Dole, C. Papovich, M. Brown, M. Blaylock, S. J. Higdon, J. L. Higdon, M. Ashby, A. Fey, B. Desai, B. Soifer, and P. Eisenhardt, “Spitzer 70/160 Micron Observations of High-Redshift ULIRGs and HyLIRGs in the Bootes Field”, 2007, submitted to ApJ.

B. Brandl, J. Berhard-Salas, D. Devoast, S. Guilles, Y. Wu, H. Houck, D. Weedman, L. Armus, P. Appleton, B. Soifer, V. Charmandaris, L. Hao, J. L. Higdon, J. Marshall, and T. Herter, “The Mid-Infrared Properties of Starburst Galaxies from Spitzer-IRS Spectroscopy”, 2006, ApJ, 653, 1129.

S. J. U. Higdon, L. Armus, J. L. Higdon, T. B. Soifer, and H. Spoom, “A Spitzer Space Telescope Survey of Warm Molecular Hydrogen in Ultra-luminous Infrared Galaxies”, 2006, ApJ, 648, 323.

S. J. U. Higdon, J. L. Higdon, and J. Marshall, “First Detection of PAHs and Warm Molecular Hydrogen in Candidate Tidal Dwarf Galaxies”, 2006, ApJ, 640, 768.

D. W. Weedman, E. Le Floch, S. J. U. Higdon, J. L. Higdon, and J. R. Houck, “Redshifts from Spitzer Spectra for Optically Faint, Radio-Selected Infrared Sources”, 2006, ApJ, 638, 613.

D. W. Weedman, B. T. Soifer, S. J. U. Higdon, L. Hao, J. L. Higdon, J. R. Houck, M. Brown, A. Dey, B. Jannuzi, E. Le Floch and M. Rieke, “Spitzer IRS Spectra of Faint Infrared Sources with Weak Spectral Features”, 2006, ApJ, 651, 101.

V. Desai, L. Armus, C. Bian, C. Borys, K. Brand, M. Brown, A. Dey, J. L. Higdon, S. J. U. Higdon, J. R. Houck, B. Jannuzi, E. Le Floch, B. T. Soifer, H. Spoom, and D. W. Weedman, “IRS Spectra of Two Ultraluminous Infrared Galaxies at $Z = 1.3$ ”, 2006, ApJ, 641, 133.

C. Borys, V. Barhard, C. Bian, A. Blain, M. Brown, A. Dey, C. Dowell, J. L. Higdon, S. J. U. Higdon, B. Jannuzi, E. Le Floch, B. T. Soifer, T. Phillips, P. Eisenhardt, D. Stern, M. Brodwin, D. J. Thompson, and D. W. Weedman, “MIPS J142824.0+352619: A Hyper-luminous Starburst Galaxy at $z = 1.325$ ”, 2006, ApJ, 636, 134.

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- J. L. Higdon and J. Wallin, “*A Minor-Merger Interpretation for NGC 1097's Optical Jets*”, 2003, ApJ, 585, 281.
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G. F. Benedict, J. L. Higdon, E. V. Tollestrup, J. M. Hahn, and P. Harvey, “*NGC 4314. I. Visible and Short-Wavelength Infrared Surface Photometry of the Nucleus and Bar*”, 1992, AJ, 103, 757.

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Papers In Preparation (4)

J. L. Higdon, S. J. U. Higdon, and T. L. Herter, “*A Cluster of Starburst Galaxies at $Z=2.313$* ”.

J. L. Higdon, S. J. U. Higdon, J. Rhoads, and S. Malhotra, “*Nailing The Coffin: A Radio Search For AGN In The $Z\sim 4.5$ LALA Source Population*”

J. L. Higdon and R. J. Rand, “*The Atomic and Molecular ISM in the Ring Galaxy AM0644-741*”.

P. Galianni, F. Patat, and J. L. Higdon, “*VLT Observations of NGC 1097’s “Dog-Leg”: Witnessing the birth of dwarf-globular transition objects*”.

Conference Proceedings (8)

J. L. Higdon, S. J. U. Higdon, and T. L. Herter, “*Investigating Galaxy Clusters In the Infrared*”, Proceedings of the Mitchell Symposium On Observational Cosmology, American Institute of Physics, 2004, in press.

S. J. U. Higdon, J. L. Higdon, D. W. Weedman, J. R. Houck, B. T. Soifer, L. Armus, V. Charmandaris, and T. Herter, “*Exploring the Distant Universe with the Spitzer Space Telescope*”, Proceedings of the Mitchell Symposium On Observational Cosmology, American Institute of Physics, 2004, in press.

J. L. Higdon, J. F. Wallin, S. D. Lord, R. J. Rand, L. Staveley-Smith, and L. M. Simon, “*Massive Star Formation and the Neutral ISM in Ring galaxies*”, Proceedings of the Sixth International Workshop of the Osservatorio Astronomico di Capodimonte, Astrophysical Letters and Communications (G. Longo, G. Busarello, & M. Capaccioli, eds.), 2004, in press

R. Norris, A. Hopkins, R. Sault, D. Mitchell, R. Ekers, J. Ekers, F. Badia, J. Higdon, M. Wieringa, B. Boyle, and R. Williams, “*Radio Observations of the Hubble Deep Field South*”, Proceedings of the

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Observatory Publications (2)

J. L. Higdon, J. F. Wallin, L. Staveley-Smith, R. Rand, and S. Lord, “*Gas Thresholds and Massive Star Formation in the Magic Mushroom Ring Galaxy*”, The ATNF News, September 1997

J. L. Higdon, J. F. Wallin, S. D. Lord, R. J. Rand, and L. Staveley-Smith, “*The Neutral ISM-Massive Star Formation Connection in Ring Galaxies*”, The ATNF News, September 1996

Meeting Abstracts (20)

J. F. Wallin, A. Antunes, J. L. Higdon, and S. J. U. Higdon, “X-Ray Observations of the Interacting Ring Galaxy AM0644-741”, 208th Meeting of the AAS, Washington, D.C. January 2006.

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V. Charmandaris, L. Armus, J. R. Houck, B. T. Soifer, D. W. Weedman, H. Spoon, S. J. U. Higdon, B. R. Brandl, P. Appleton, H. Teplitz, L. Hao, D. Devost, J. L. Higdon, and C. Lawrence, “A Starburst/AGN Diagnostic For The Spitzer Space Telescope”, 204th Meeting of the AAS, Denver, Co., May 2004.

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- J. L. Higdon and S. J. U. Higdon, “*Physical Properties of Starburst Clusters in the Cartwheel*”, 199th Meeting of the AAS, Washington, D.C., January 2002.
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