

Ruth A. Daly

Non-refereed Publications

Undergraduate students and graduate students supervised by Daly are indicated by the superscript “US” and “GS,” respectively.

Daly, R. A. 2017, “Implications of Relationships between Black Hole Mass, Bolometric Luminosity, and Beam Power of AGN,” American Physical Society Conference “Quarks 2 Cosmos,” abstract id. S5.007

Daly, R. A. 2014, “Black Hole Spin Properties of 130 AGN,” American Astronomical Society Meeting #223, #126.06.

Daly, R. A. 2012, “The Relationship between Feedback Rates and Supermassive Black Hole Spin Evolution,” American Astronomical Society Meeting #220, #320.06.

Daly, R. A. 2010, “Black Hole Spins of 55 Radio Sources,” American Astronomical Society Meeting #215, #336.06.

Daly, R. A. 2009, “A Decade of Dark Energy: 1998-2008,” in “Sources and Detection of Dark Matter and Dark Energy in the Universe: Proceedings of the 8th UCLA Symposium,” ed. D. Cline (New York: AIP), AIP, 1166, 81-86.

Daly, R. A. 2008, “The Properties of the Most Powerful FR II Radio Galaxies,” in “Radio Galaxies in the Chandra Era,” Conference held 8-11 July 2008 in Cambridge, MA, published online at <http://cxc.harvard.edu/radiogals08/agenda/program.html>, abstract #5

Daly, R. A., O’Dea, C.; Kharb, P.; Baum, S.; Freeman^{US}, K.; Mory^{US}, M. 2008, “The Properties and Gaseous Environments of Powerful Classical Double Radio Galaxies,” in “Extragalactic Jets: Theory and Observation from Radio to Gamma Ray”, eds. T. A. Rector and D. S. De Young (San Francisco: ASP) ASP Conference Series 386, 25 - 31.

Daly, R. A., & Djorgovski, S. G. 2007, “The Acceleration History of the Universe and the Properties of the Dark Energy,” in “SUPERNOVA 1987A: 20 YEARS AFTER: Supernovae and Gamma-Ray Bursters” AIPC, 937, 298 – 302.

Kharb, P., O’Dea, C., Baum, S., Daly, R. A., Mory^{US}, M. P., Donahue, M., & Guerra, E. J. 2007, “A Radio Study of Thirteen Powerful FR II Radio Galaxies,” in “The Central Engine of Active Galactic Nuclei,” eds. L. C. Ho & J. M. Wang (San Francisco: ASP), ASPC, 373, 221 – 222.

Daly, R. A., & Djorgovski, S. G. 2005 “Uncovering the Acceleration History of the Universe and the Secrets of the Dark Energy,” American Astronomical Society Meeting, #207, #152.02

Daly, R. A., & Djorgovski, S. G. 2005, “Constraints on the Physical Parameters of the Dark Energy Using a Model-Independent Approach,” astro-ph/0512576.

- Daly, R. A., & Djorgovski, G. 2005 "Direct Constraints on the Properties and Evolution of Dark Energy," in "Observing Dark Energy," ASP Conference Series, Vol. 339, eds. Sidney C. Wolff and Todd R. Lauer (San Francisco: Astronomical Society of the Pacific), 117-127.
- Daly, R. A., & Guerra, E. J. 2005, "FRIIb Radio Galaxies, Cosmology, and Quintessence," in IAU Symposium 201 "New Cosmological Data and the Values of Fundamental Parameters," eds. A. Lasenby & A. Wilkinson, 264-267.
- Daly, R. A., & Guerra, E. J. 2003, "Cosmological Parameters and Quintessence From Radio Galaxies," in "The Dark Universe: Matter, Energy, and Gravity," eds. M. Livio & M. Fall (Cambridge: Cambridge University Press), 77-96.
- Daly, R. A., 2003 "Determining the Acceleration of the Universe as a Function of Redshift and Implications for Dark Energy," in "Short Distance Behavior of Fundamental Interactions," eds. B. N. Kursunoglu, M. Camcigil, and S. L. Mintz (New York: AIP), 37-46.
- Daly, R. A., & Djorgovski, S. G. 2003, "The Acceleration of the Universe as a Function of Redshift and Constraints on Dark Energy," American Physical Society April Meeting, abstract id. H9.007
- Daly, R. A., Mory^{US}, M. P., & Guerra^{GS}, E. J. 2002, "High-Redshift Radio Galaxies as a Cosmological Tool: Exploration of a Key Assumption and Comparison with Supernova Results," in *Cosmology and Elementary Particle Physics*, ed. B. N. Kursunoglu, S. L. Mintz, and A. Perlmutter (New York: AIP), 87-94.
- Daly, R. A. 2002, "Models Developed to Describe FRIIb and FRIIa Radio Sources," in "Lifecycles of Radio Galaxies," 2002, *New Astronomy Reviews*, 46, 47-60.
- Daly, R. A., Guerra^{GS}, E. J., & Chester, M. M. 2001, "FRIIb Radio Sources, Ambient Gas Densities, and Clusters of Galaxies," in "Particles and Fields in Radio Galaxies," eds. R. A. Laing & K. M. Blundell (California: ASP), 412-416.
- Guerra^{GS}, E. J., & Daly, R. A. 2001, "Beam Powers, Active Lifetimes, and Total Energies of FRIIb Radio Galaxies," in "Particles and Fields in Radio Galaxies," eds. R. A. Laing & K. M. Blundell, (California: ASP), 417-421.
- Daly, R. A., & Chester, M. M. 2000, "A Comparison of Predicted and Observed Intracluster Gas Properties," American Astronomical Society Meeting #196, #34.23.
- Daly, R. A., Guerra^{GS}, E. J., & Wan^{GS}, L. 1998, "Global Cosmological Parameters Measured Using Classical Double Radio Sources," in XXXIIIrd Recontres de Moriond "Fundamental Parameters in Cosmology," eds. J. Tran Thanh Van & Giraud-Heraud (Paris, France: Editions Frontieres), 323-326.
- Daly, R. A., Guerra^{GS}, E. J., & Wan^{GS}, L. 1998, "Global Cosmological Parameters Determined Using Radio Sources," American Astronomical Society Meeting #192, #17.04
- Daly, R. A. 1997, "New Methods of Probing Evolution of Structure and Cosmological Parameters," Meeting of the American Astronomical Society, #191, #95.04

- Guerra^{GS}, E. J., & Daly, R. A. 1997, "Outflow Angles and Bulk Lorentz Factors for Different Categories of AGN," in IAU Colloquium 163 "Accretion Phenomena and Related Outflows," eds. D. T. Wickramasinghe, G. V. Bicknell, & L. Ferrario (ASP Conference Series), 695-698.
- Daly, R. A., Guerra^{GS}, E. J., & Guijosa^{GS}, A. 1996, "Estimates of Doppler Factors, Outflow Angles, and Bulk Lorentz Factors for a Sample of Compact Radio Sources," in "Energy Transport in Radio Galaxies and Quasars," eds. P. Hardee, A. Bridle, & Anton Zensus (ASP Conference Series), 73-77.
- Wan^{GS}, L., Daly, R. A., & Wellman^{GS}, G. F. 1996, "Beam Power of Powerful FR II Sources," in "Energy Transport in Radio Galaxies and Quasars," eds. P. Hardee, A. Bridle, & Anton Zensus (ASP Conference Series), 305-308.
- Daly, R. A. 1996, "Evolution of Powerful Extended Radio Sources," in IAU 175, "Extragalactic Radio Sources," ed. C. Fanti (Dordrecht: Kluwer), 319-322.
- Wan^{GS}, L., & Daly, R. A. 1996, "FR II Radio Sources in Rich Clusters of Galaxies," in "Cygnus A - Study of a Radio Galaxy," eds. C. L. Carilli & D. E. Harris (Cambridge: Cambridge University Press), 240-243.
- Wellman^{GS}, G. F., & Daly, R. A. 1996, "The Use of Radio Observations to Probe Ambient Gas Densities," "Cygnus A - Study of a Radio Galaxy," eds. C. L. Carilli & D. E. Harris (Cambridge: Cambridge University Press), 246-249.
- Wellman^{GS}, G. F., & Daly, R. A. 1996, "Lateral Expansion of the Bridges of Cygnus A and Other Powerful Radio Sources," in "Cygnus A - Study of a Radio Galaxy," eds. C. L. Carilli & D. E. Harris (Cambridge: Cambridge University Press), 215-218.
- Guerra^{GS}, E. J., & Daly, R. A. 1996, "Cygnus A and Other 3CR Sources in Cosmological Tests," in "Cygnus A - Study of a Radio Galaxy," eds. C. L. Carilli & D. E. Harris (Cambridge: Cambridge University Press), 252-255.
- Daly, R. A. 1995, "Powerful Extended Radio Sources: A Goldmine for Cosmology," in IAU No. 168, "Examining the Big Bang and Diffuse Background Radiations," ed. M. Kafatos, 469-472.
- Wan^{GS}, L., & Daly, R. A. 1995 "The Beam Power' of Classical Double Radio Sources," American Astronomical Society Meeting, #187, #12.07.
- Guerra^{GS}, E. J., & Daly, R. A. 1995, "Disentangling Relativistic Effects in Compact Radio Sources," American Astronomical Society Meeting, #187, #13.03.
- Daly, R. A., & Guerra^{GS}, E. J. 1995, "Update & Results on Cosmology with Powerful Radio Sources," American Astronomical Society Meeting, #187, #86.05.
- Sokoloski^{GS}, J., Daly, R. A., & Lilly, S. J. 1994 "X-ray Luminosities of Distant Radio Selected Clusters of Galaxies," in The Soft X-Ray Cosmos, eds. E. M. Schlegel and R. Petre (New York: American Institute of Physics), 386-389.

- Wan^{GS}, L., Daly, R. A., Jones^{GS}, L., & Lilly, S. J. 1994 "The Evolution of the Intracluster Medium in Clusters with Extended Radio Sources," in *The Soft X-Ray Cosmos*, eds. E. M. Schlegel and R. Petre (New York: American Institute of Physics), 392-395.
- Daly, R. A. 1993, "A New Method of Using Powerful Extended Radio Sources for Cosmology," *American Astronomical Society Meeting*, #183, #67.01
- Daly, R. A. 1993, "Physical Processes in Radio Galaxies," in *First Light in the Universe*, eds. B. Rocca-Volmerange, M. Dennefeld, B. Guiderdoni, and J. Tran Thanh Van (Editions Frontieres), 131-134.
- Daly, R. A. 1993, "COBE Observations Place Interesting Constraints on the Initial Power Spectrum," in *Observational Cosmology*, ed. G. Chincarini, 558-561.
- Daly, R. A. 1992, "Remnant Black Holes Associated with AGN Models for the High and Low-Energy X-Ray Backgrounds," in *The X-Ray Background*, eds. X. Barcons and A. Fabian (Cambridge: Cambridge University Press), 206-209.
- Daly, R. A. 1992, "The Use of Radio Observations to Constrain the Luminosity of an Anisotropic Radiation Field in Radio Galaxies," in *Testing the AGN Paradigm*, (New York: American Institute of Physics), 427-430.
- Daly, R. A. 1991, "Constraints Imposed by the COBE Spectral Measurements," in *After the First Three Minutes*, eds. S. S. Holt, C. L. Bennett, and V. Trimble (New York: American Institute of Physics), 77-80.
- Daly, R. A. 1989, "Interpreting the 1 to 10 MeV Gamma-Ray Background," *UCLA meeting on High Resolution Gamma-Ray Cosmology*, eds. D. Cline and E. Fenyves, 203-206.
- Daly, R. A. 1988, "Implications of the 1 to 10 MeV Gamma-Ray Background: A Determination of Omega or a New Particle?," in the *Proceedings of the XXIIIrd Rencontre de Moriond on Dark Matter*, eds. J. Audouze and J. Tran Thanh Van (Cedex, France: Editions Frontieres), 133-136.
- Daly, R. A. 1987, "A Possible Connection between the Diffuse X-Ray Background and Large Scale Structures in the Universe," *IAU Symposium No. 130 Large Scale Structures in the Universe*, eds. J. Audouze and A. Szalay (Dordrecht: D. Reidel), 540-543.
- Daly, R. A. 1987, "Some Possible Mechanisms for the Formation of Large Scale Structures in the Universe," *The Post-Recombination Universe*, eds. N. Kaiser and A. Lasenby (Dordrecht: D. Reidel), 267-270.