

Galaxien und Kosmologie / Galaxies and Cosmology (2011)

Refereed Papers

Adams, J. J., K. Gebhardt, G. A. Blanc, M. H. Fabricius, G. J. Hill, J. D. Murphy, R. C. E. van den Bosch and G. van de Ven: The central dark matter distribution of NGC 2976. The Astrophysical Journal **745**, id. 92 (2011)

Aihara, H., C. Allende Prieto, D. An, S. F. Anderson, É. Aubourg, E. Balbinot, T. C. Beers, A. A. Berlind, S. J. Bickerton, D. Bizyaev, M. R. Blanton, J. J. Bochanski, A. S. Bolton, J. Bovy, W. N. Brandt, J. Brinkmann, P. J. Brown, J. R. Brownstein, N. G. Busca, H. Campbell, M. A. Carr, Y. Chen, C. Chiappini, J. Comparat, N. Connolly, M. Cortes, R. A. C. Croft, A. J. Cuesta, L. N. da Costa, J. R. A. Davenport, K. Dawson, S. Dhital, A. Ealet, G. L. Ebelke, E. M. Edmondson, D. J. Eisenstein, S. Escoffier, M. Esposito, M. L. Evans, X. Fan, B. Femenia Castellá, A. Font-Ribera, P. M. Frinchaboy, J. Ge, B. A. Gillespie, G. Gilmore, J. I. González Hernández, J. R. Gott, A. Gould, E. K. Grebel, J. E. Gunn, J.-C. Hamilton, P. Harding, D. W. Harris, S. L. Hawley, F. R. Hearty, S. Ho, D. W. Hogg, J. A. Holtzman, K. Honscheid, N. Inada, I. I. Ivans, L. Jiang, J. A. Johnson, C. Jordan, W. P. Jordan, E. A. Kazin, D. Kirkby, M. A. Klaene, G. R. Knapp, J.-P. Kneib, C. S. Kochanek, L. Koesterke, J. A. Kollmeier, R. G. Kron, H. Lampeitl, D. Lang, J.-M. Le Goff, Y. S. Lee, Y.-T. Lin, D. C. Long, C. P. Loomis, S. Lucatello, B. Lundgren, R. H. Lupton, Z. Ma, N. MacDonald, S. Mahadevan, M. A. G. Maia, M. Makler, E. Malanushenko, V. Malanushenko, R. Mandelbaum, C. Maraston, D. Margala, K. L. Masters, C. K. McBride, P. M. McGehee, I. D. McGreer, B. Ménard, J. Miralda-Escudé, H. L. Morrison, F. Mullally, D. Muna, J. A. Munn, H. Murayama, A. D. Myers, T. Naugle, A. Fausti Neto, D. Cuong Nguyen, R. C. Nichol, R. W. O'Connell, R. L. C. Ogando, M. D. Olmstead, D. J. Oravetz, N. Padmanabhan, N. Palanque-Delabrouille, K. Pan, P. Pandey, I. Pâris, W. J. Percival, P. Petitjean, R. Pfaffenberger, J. Pforr, S. Phleps, C. Pichon, M. M. Pieri, F. Prada, A. M. Price-Whelan, M. J. Raddick, B. H. F. Ramos, C. Reylé, J. Rich, G. T. Richards, H.-W. Rix, A. C. Robin, H. J. Rocha-Pinto, C. M. Rockosi, N. A. Roe, E. Rollinde, A. J. Ross, N. P. Ross, B. M. Rossetto, A. G. Sánchez, C. Sayres, D. J. Schlegel, K. J. Schlesinger, S. J. Schmidt, D. P. Schneider, E. Sheldon, Y. Shu, J. Simmerer, A. E. Simmons, T. Sivarani, S. A. Snedden, J. S. Sobeck, M. Steinmetz, M. A. Strauss, A. S. Szalay, M. Tanaka, A. R. Thakar, D. Thomas, J. L. Tinker, B. M. Tofflemire, R. Tojeiro, C. A. Tremonti, J. Vandenberg, M. Vargas Magaña, L. Verde, N. P. Vogt, D. A. Wake, J. Wang, B. A. Weaver, D. H. Weinberg, M. White, S. D. M. White, B. Yanny, N. Yasuda, C. Yeh and I. Zehavi: Erratum: "The Eighth Data Release of the Sloan Digital Sky Survey: First data from SDSS-III". The Astrophysical Journal Supplement Series **195**, id. 26 (4pp), (2011)

Aihara, H., C. Allende Prieto, D. An, S. F. Anderson, É. Aubourg, E. Balbinot, T. C. Beers, A. A. Berlind, S. J. Bickerton, D. Bizyaev, M. R. Blanton, J. J. Bochanski, A. S. Bolton, J. Bovy, W. N. Brandt, J. Brinkmann, P. J. Brown, J. R. Brownstein, N. G. Busca, H. Campbell, M. A. Carr, Y. Chen, C. Chiappini, J. Comparat, N. Connolly, M. Cortes, R. A. C. Croft, A. J. Cuesta, L. N. da Costa, J. R. A. Davenport, K. Dawson, S. Dhital, A. Ealet, G. L. Ebelke, E. M. Edmondson, D. J. Eisenstein, S. Escoffier, M. Esposito, M. L. Evans, X. Fan, B. Femenia Castellá, A. Font-Ribera, P. M. Frinchaboy, J. Ge, B. A. Gillespie, G. Gilmore, J. I. González Hernández, J. R. Gott, A. Gould, E. K. Grebel, J. E. Gunn, J.-C. Hamilton, P. Harding, D. W. Harris, S. L. Hawley, F. R. Hearty, S. Ho, D. W. Hogg, J. A. Holtzman, K. Honscheid, N. Inada, I. I. Ivans, L. Jiang, J. A. Johnson, C. Jordan, W. P. Jordan, E. A. Kazin, D. Kirkby, M. A. Klaene, G. R. Knapp, J.-P. Kneib, C. S. Kochanek, L. Koesterke, J. A. Kollmeier, R. G. Kron, H. Lampeitl, D. Lang, J.-M. Le Goff, Y. S. Lee, Y.-T. Lin, D. C. Long, C. P. Loomis, S. Lucatello, B. Lundgren, R. H. Lupton, Z. Ma, N. MacDonald, S. Mahadevan, M. A. G. Maia, M. Makler, E. Malanushenko, V. Malanushenko, R. Mandelbaum, C. Maraston, D. Margala, K. L. Masters, C. K. McBride, P. M. McGehee, I. D. McGreer, B. Ménard, J. Miralda-Escudé, H. L. Morrison, F. Mullally, D. Muna, J. A. Munn, H. Murayama, A. D. Myers, T. Naugle, A. Fausti Neto, D. Cuong Nguyen, R. C. Nichol, R. W. O'Connell, R. L. C. Ogando, M. D. Olmstead, D. J. Oravetz, N. Padmanabhan, N. Palanque-Delabrouille, K. Pan, P. Pandey, I. Pâris, W. J. Percival, P. Petitjean, R. Pfaffenberger, J. Pforr, S. Phleps, C. Pichon, M. M. Pieri, F. Prada, A. M. Price-Whelan, M. J. Raddick, B. H. F. Ramos, C. Reylé, J. Rich, G. T. Richards, H.-W. Rix, A. C. Robin, H. J. Rocha-Pinto, C. M. Rockosi, N. A. Roe, E. Rollinde, A. J. Ross, N. P. Ross, B. M. Rossetto, A. G. Sánchez, C. Sayres, D. J. Schlegel, K. J. Schlesinger, S. J. Schmidt, D. P. Schneider, E. Sheldon, Y. Shu, J. Simmerer, A. E. Simmons, T. Sivarani, S. A. Snedden, J. S. Sobeck, M. Steinmetz, M. A. Strauss, A. S. Szalay, M. Tanaka, A. R. Thakar, D. Thomas, J. L. Tinker, B. M. Tofflemire, R. Tojeiro, C. A. Tremonti, J. Vandenberg, M. Vargas Magaña, L.

Verde, N. P. Vogt, D. A. Wake, J. Wang, B. A. Weaver, D. H. Weinberg, M. White, S. D. M. White, B. Yanny, N. Yasuda, C. Yerche and I. Zehavi: The Eighth Data Release of the Sloan Digital Sky Survey: First data from SDSS-III. The Astrophysical Journal Supplement Series **193**, id. 29 (2011)

Altay, G., T. Theuns, J. Schaye, N. H. M. Crighton and C. Dalla Vecchia: Through thick and thin—H I absorption in cosmological simulations. The Astrophysical Journal Letters **737**, id. L37, (2011)

Andrae, R. and K. Jahnke: Only marginal alignment of disc galaxies. Monthly Notices of the Royal Astronomical Society **418**, 2014-2031 (2011)

Andrae, R., K. Jahnke and P. Melchior: Parametrizing arbitrary galaxy morphologies: potentials and pitfalls. Monthly Notices of the Royal Astronomical Society **411**, 385-401 (2011)

Andrae, R., P. Melchior and K. Jahnke: Quantifying galaxy shapes: sérsiclets and beyond. Monthly Notices of the Royal Astronomical Society **417**, 2465-2477 (2011)

Aniano, G., B. T. Draine, K. D. Gordon and K. Sandstrom: Common-resolution convolution kernels for space- and ground-based telescopes. Publications of the Astronomical Society of the Pacific **123**, 1218-1236 (2011)

Bagetakos, I., E. Brinks, F. Walter, W. J. G. de Blok, A. Usero, A. K. Leroy, J. W. Rich and R. C. Kennicutt: The fine-scale structure of the neutral interstellar medium in nearby galaxies. The Astronomical Journal **141**, id. 23, (2011)

Bailer-Jones, C. A. L.: Erratum: Bayesian time series analysis of terrestrial impact cratering. Monthly Notices of the Royal Astronomical Society **418**, 2111-2112 (2011)

Bailer-Jones, C. A. L.: Bayesian time series analysis of terrestrial impact cratering. Monthly Notices of the Royal Astronomical Society **416**, 1163-1180 (2011)

Bailer-Jones, C. A. L.: Bayesian inference of stellar parameters and interstellar extinction using parallaxes and multiband photometry. Monthly Notices of the Royal Astronomical Society **411**, 435-452 (2011)

Baldi, M., J. Lee and A. V. Macciò: The effect of coupled dark energy on the alignment between dark matter and galaxy distributions in clusters. The Astrophysical Journal **732**, id. 112, (2011)

Bastian, N., D. R. Weisz, E. D. Skillman, K. B. W. McQuinn, A. E. Dolphin, R. A. Gutermuth, J. M. Cannon, B. Ercolano, M. Gieles, R. C. Kennicutt and F. Walter: The evolution of stellar structures in dwarf galaxies. Monthly Notices of the Royal Astronomical Society **412**, 1539-1551 (2011)

Bayliss, M. B., M. D. Gladders, M. Oguri, J. F. Hennawi, K. Sharon, B. P. Koester and H. Dahle: The redshift distribution of giant arcs in the Sloan Giant Arcs Survey. The Astrophysical Journal Letters **727**, id. L26, (2011)

Bayliss, M. B., J. F. Hennawi, M. D. Gladders, B. P. Koester, K. Sharon, H. Dahle and M. Oguri: Gemini/GMOS spectroscopy of 26 strong-lensing-selected galaxy cluster cores. The Astrophysical Journal Supplement Series **193**, id. 8, (2011)

Béjar, V. J. S., M. R. Zapatero Osorio, R. Rebolo, J. A. Caballero, D. Barrado, E. L. Martín, R. Mundt and C. A. L. Bailer-Jones: The substellar population of o Orionis: A deep wide survey. The Astrophysical Journal **743**, id. 64, (2011)

Bell, E. F., C. T. Slater and N. F. Martin: Andromeda XXIX: A new dwarf spheroidal galaxy 200 kpc from Andromeda. The Astrophysical Journal Letters **742**, id. L15, (2011)

Bezanson, R., P. G. van Dokkum, M. Franx, G. B. Brammer, J. Brinchmann, M. Kriek, I. Labb  , R. F. Quadri, H.-W. Rix, J. van de Sande, K. E. Whitaker and R. J. Williams: Redshift evolution of the galaxy velocity dispersion function. The Astrophysical Journal Letters **737**, id. L31 (2011)

Biggs, A. D., R. J. Ivison, E. Ibar, J. L. Wardlow, H. Dannerbauer, I. Smail, F. Walter, A. Wei  , S. C. Chapman, K. E. K. Coppin, C. De Breuck, M. Dickinson, K. K. Knudsen, V. Mainieri, K. Menten and C. Papovich: The LABOCA survey of the Extended Chandra Deep Field-South –

radio and mid-infrared counterparts to submillimetre galaxies. Monthly Notices of the Royal Astronomical Society **413**, 2314-2338 (2011)

Bigiel, F., A. K. Leroy, F. Walter, E. Brinks, W. J. G. de Blok, C. Kramer, H. W. Rix, A. Schruba, K. F. Schuster, A. Usero and H. W. Wiesemeyer: A constant molecular gas depletion time in nearby disk galaxies. The Astrophysical Journal Letters **730**, id. L13, (2011)

Bitsakis, T., V. Charmandaris, E. da Cunha, T. Díaz-Santos, E. Le Floc'h and G. Magdis: A mid-IR study of Hickson compact groups. II. Multiwavelength analysis of the complete GALEX-Spitzer sample. Astronomy and Astrophysics **533**, id.A142 (2011)

Böker, T., E. Schinnerer and U. Lisenfeld: Molecular gas around low-luminosity AGN in late-type spirals. Astronomy and Astrophysics **534**, id.A12 (2011)

Bolatto, A. D., A. K. Leroy, K. Jameson, E. Ostriker, K. Gordon, B. Lawton, S. Stanimirović, F. P. Israel, S. C. Madden, S. Hony, K. M. Sandstrom, C. Bot, M. Rubio, P. F. Winkler, J. Roman-Duval, J. T. van Loon, J. M. Oliveira and R. Indebetouw: The state of the gas and the relation between gas and star formation at low metallicity: The Small Magellanic Cloud. The Astrophysical Journal **741**, id. 12, (2011)

Boone, F., S. García-Burillo, F. Combes, J. Lim, P. Ho, A. J. Baker, S. Matsushita, M. Krips, V. T. Dinh and E. Schinnerer: High-resolution mapping of the physical conditions in two nearby active galaxies based on ^{12}CO (1-0), (2-1), and (3-2) lines. Astronomy and Astrophysics **525**, id.A18, (2011)

Bovy, J., J. F. Hennawi, D. W. Hogg, A. D. Myers, J. A. Kirkpatrick, D. J. Schlegel, N. P. Ross, E. S. Sheldon, I. D. McGreer, D. P. Schneider and B. A. Weaver: Think outside the color box: probabilistic target selection and the SDSS-XDQSO quasar targeting catalog. The Astrophysical Journal **729**, id. 141 (2011)

Brasseur, C. M., N. F. Martin, A. V. Macciò, H.-W. Rix and X. Kang: What sets the sizes of the faintest galaxies? The Astrophysical Journal **743**, id. 179, (2011)

Brasseur, C. M., N. F. Martin, H.-W. Rix, M. Irwin, A. M. N. Ferguson, A. W. McConnachie and J. de Jong: A deep photometric look at two of Andromeda's dwarf spheroidals: X and XVII. The Astrophysical Journal **729**, id. 23, (2011)

Bureau, M., H. Jeong, S. K. Yi, K. Schawinski, R. C. W. Houghton, R. L. Davies, R. Bacon, M. Cappellari, P. T. de Zeeuw, E. Emsellem, J. Falcón-Barroso, D. Krajnović, H. Kuntschner, R. M. McDermid, R. F. Peletier, M. Sarzi, Y.-J. Sohn, D. Thomas, R. C. E. van den Bosch and G. van de Ven: The SAURON project – XVIII. The integrated UV-line-strength relations of early-type galaxies. Monthly Notices of the Royal Astronomical Society **414**, 1887-1902 (2011)

Cai, Z., X. Fan, L. Jiang, F. Bian, I. McGreer, R. Davé, E. Egami, A. Zabludoff, Y. Yang and S. P. Oh: Probing population III stars in galaxy IOK-1 at $z = 6.96$ through He II emission. The Astrophysical Journal Letters **736**, id. L28 (2011)

Calderone, G., L. Foschini, G. Ghisellini, M. Colpi, L. Maraschi, F. Tavecchio, R. Decarli and G. Tagliaferri: γ -ray variability of radio-loud narrow-line Seyfert 1 galaxies. Monthly Notices of the Royal Astronomical Society **413**, 2365-2370 (2011)

Cannon, J. M., H. P. Most, E. D. Skillman, D. R. Weisz, D. Cook, A. E. Dolphin, R. C. Kennicutt, J. Lee, A. Seth, F. Walter and S. R. Warren: The M81 group dwarf irregular galaxy DDO 165. II. Connecting recent star formation with interstellar medium structures and kinematics. The Astrophysical Journal **735**, id. 36 (2011)

Cannon, J. M., H. P. Most, E. D. Skillman, D. R. Weisz, D. Cook, A. E. Dolphin, R. C. Kennicutt, J. Lee, A. Seth, F. Walter and S. R. Warren: The M81 group dwarf irregular galaxy DDO 165. I. High-velocity neutral gas in a post-starburst system. The Astrophysical Journal **735**, id. 35, (2011)

Capak, P., B. Mobasher, N. Z. Scoville, H. McCracken, O. Ilbert, M. Salvato, K. Menéndez-Delmestre, H. Aussel, C. Carilli, F. Civano, M. Elvis, M. Giavalisco, E. Jullo, J. Kartaltepe, A. Leauthaud, A. M. Koekemoer, J. P. Kneib, E. LeFloc'h, D. B. Sanders, E. Schinnerer, Y. Shioya, P. Shopbell, Y. Tanaguchi, D. Thompson and C. J. Willott: Spectroscopy of luminous $z > 7$ galaxy candidates and sources of contamination in $z > 7$ galaxy searches. The Astrophysical Journal **730**, id. 68 (2011)

Capak, P. L., D. Riechers, N. Z. Scoville, C. Carilli, P. Cox, R. Neri, B. Robertson, M. Salvato, E.

Schinnerer, L. Yan, G. W. Wilson, M. Yun, F. Civano, M. Elvis, A. Karim, B. Mobasher and J. G. Staguhn: A massive protocluster of galaxies at a redshift of $z \sim 5.3$. *Nature* **470**, 233-235 (2011)

Carilli, C. L., J. Hodge, F. Walter, D. Riechers, E. Daddi, H. Dannerbauer and G. E. Morrison: Expanded Very Large Array observations of a proto-cluster of molecular gas-rich galaxies at $z = 4.05$. *The Astrophysical Journal Letters* **739**, id. L33, (2011)

Carlson, L. R., M. Sewilo, M. Meixner, K. A. Romita, B. Whitney, J. L. Hora, M. Cignoni, E. Sabbi, A. Nota, M. Sirianni, L. J. Smith, K. Gordon, B. Babler, S. Bracker, J. S. Gallagher, M. Meade, K. Misselt, A. Pasquali and B. Shiao: A panchromatic view of NGC 602: Time-resolved star formation with the Hubble and Spitzer space telescopes. *The Astrophysical Journal* **730**, id. 78, (2011)

Casarini, L., G. La Vacca, L. Amendola, S. A. Bonometto and A. V. Maccò: Non-linear weak lensing forecasts. *Journal of Cosmology and Astro-Particle Physics* **03**, (2011)026, (2011 online only)

Casarini, L., A. V. Maccò, S. A. Bonometto and G. S. Stinson: High-accuracy power spectra including baryonic physics in dynamical Dark Energy models. *Monthly Notices of the Royal Astronomical Society* **412**, 911-920 (2011)

Chandar, R., B. C. Whitmore, D. Calzetti, D. Di Nino, R. C. Kennicutt, M. Regan and E. Schinnerer: New constraints on mass-dependent disruption of star clusters in M51. *The Astrophysical Journal* **727**, id. 88 (2011)

Chapin, E. L., S. C. Chapman, K. E. Coppin, M. J. Devlin, J. S. Dunlop, T. R. Greve, M. Halpern, M. F. Hasselfield, D. H. Hughes, R. J. Ivison, G. Marsden, L. Moncelsi, C. B. Netterfield, E. Pascale, D. Scott, I. Smail, M. Viero, F. Walter, A. Weiss and P. van der Werf: A joint analysis of BLAST 250-500 μm and LABOCA 870 μm observations in the Extended Chandra Deep Field-South. *Monthly Notices of the Royal Astronomical Society* **411**, 505-549 (2011)

Chonis, T. S., D. Martínez-Delgado, R. J. Gabany, S. R. Majewski, G. J. Hill, R. Gralak and I. Trujillo: A petal of the sunflower: photometry of the stellar tidal stream in the halo of Messier 63 (NGC 5055). *The Astronomical Journal* **142**, id. 166 (2011)

Chou, M.-Y., S. R. Majewski, K. Cunha, V. V. Smith, R. J. Patterson and D. Martínez-Delgado: First chemical analysis of stars in the Triangulum-Andromeda Star Cloud. *The Astrophysical Journal Letters* **731**, id. L30, (2011)

Cisternas, M., K. Jahnke, A. Bongiorno, K. J. Inskip, C. D. Impey, A. M. Koekemoer, A. Merloni, M. Salvato and J. R. Trump: Secular evolution and a non-evolving black-hole-to-galaxy mass ratio in the last 7 Gyr. *The Astrophysical Journal Letters* **741**, id. L11 (2011)

Cisternas, M., K. Jahnke, K. J. Inskip, J. Kartaltepe, A. M. Koekemoer, T. Lisker, A. R. Robaina, M. Scogeggio, K. Sheth, J. R. Trump, R. Andrae, T. Miyaji, E. Lusso, M. Brusa, P. Capak, N. Cappelluti, F. Civano, O. Ilbert, C. D. Impey, A. Leauthaud, S. J. Lilly, M. Salvato, N. Z. Scoville and Y. Taniguchi: The bulk of the black hole growth since $z \sim 1$ occurs in a secular Universe: No major Merger-AGN connection. *The Astrophysical Journal* **726**, id. 57 (2011)

Combes, F., S. García-Burillo, J. Braine, E. Schinnerer, F. Walter and L. Colina: Galaxy evolution and star formation efficiency at $0.2 < z < 0.6$. *Astronomy and Astrophysics* **528**, id.A124, (2011)

Comerón, S., B. G. Elmegreen, J. H. Knapen, H. Salo, E. Laurikainen, J. Laine, E. Athanassoula, A. Bosma, K. Sheth, M. W. Regan, J. L. Hinz, A. Gil de Paz, K. Menéndez-Delmestre, T. Mizusawa, J.-C. Muñoz-Mateos, M. Seibert, T. Kim, D. M. Elmegreen, D. A. Gadotti, L. C. Ho, B. W. Holwerda, J. Lappalainen, E. Schinnerer and R. Skibba: Thick disks of edge-on galaxies seen through the Spitzer Survey of stellar structure in galaxies (S⁴G): lair of missing baryons? *The Astrophysical Journal* **741**, id. 28, (2011)

Comerón, S., B. G. Elmegreen, J. H. Knapen, K. Sheth, J. L. Hinz, M. W. Regan, A. Gil de Paz, J.-C. Muñoz-Mateos, K. Menéndez-Delmestre, M. Seibert, T. Kim, T. Mizusawa, E. Laurikainen, H. Salo, J. Laine, E. Athanassoula, A. Bosma, R. J. Buta, D. A. Gadotti, L. C. Ho, B. Holwerda, E. Schinnerer and D. Zaritsky: The unusual vertical mass distribution of NGC 4013 seen through the Spitzer Survey of stellar structure in galaxies (S⁴G). *The Astrophysical Journal Letters* **738**, id. L17, (2011)

Comerón, S., J. H. Knapen, K. Sheth, M. W. Regan, J. L. Hinz, A. Gil de Paz, K. Menéndez-Delmestre, J.-C. Muñoz-Mateos, M. Seibert, T. Kim, E. Athanassoula, A. Bosma, R. J. Buta, B. G. Elmegreen, L. C. Ho, B. W. Holwerda, E. Laurikainen, H. Salo and E. Schinnerer: The thick disk in the galaxy NGC 4244 from S4G imaging. *The Astrophysical Journal* **729**, id. 18, (2011)

Conn, A. R., G. F. Lewis, R. A. Ibata, Q. A. Parker, D. B. Zucker, A. W. McConnachie, N. F. Martin, M. J. Irwin, N. Tanvir, M. A. Fardal and A. M. N. Ferguson: A Bayesian approach to locating the red giant branch tip magnitude. I. *The Astrophysical Journal* **740**, id. 69, (2011)

Conn, B. C., A. Pasquali, E. Pompei, R. R. Lane, A.-N. Chené, R. Smith and G. F. Lewis: A new collisional ring galaxy at $z = 0.111$: Auriga's Wheel. *The Astrophysical Journal* **741**, id. 80, (2011)

Cooper, A. P., D. Martínez-Delgado, J. Helly, C. Frenk, S. Cole, K. Crawford, S. Zibetti, J. A. Carballo-Bello and R. J. Gabany: The formation of shell galaxies similar to NGC 7600 in the cold dark matter cosmogony. *The Astrophysical Journal Letters* **743**, id. L21 (2011)

Costa, E., R. A. Méndez, M. H. Pedreros, M. Moyano, C. Gallart and N. Noël: The proper motion of the Magellanic Clouds. II. New results for five Small Magellanic Cloud Fields. *The Astronomical Journal* **141**, id. 136, (2011)

Damen, M., I. Labbé, P. G. van Dokkum, M. Franx, E. N. Taylor, W. N. Brandt, M. Dickinson, E. Gawiser, G. D. Illingworth, M. Kriek, D. Marchesini, A. Muzzin, C. Papovich and H. W. Rix: The SIMPLE Survey: Observations, reduction, and catalog. *The Astrophysical Journal* **727**, id. 1 (2011)

De Rosa, G., R. Decarli, F. Walter, X. Fan, L. Jiang, J. Kurk, A. Pasquali and H. W. Rix: Evidence for non-evolving Fe II/Mg II ratios in rapidly accreting $z \sim 6$ QSOs. *The Astrophysical Journal* **739**, id. 56, (2011)

de Zeeuw, P. T. and G. van de Ven: Grigori Kuzmin and stellar dynamics. *Baltic Astronomy* **20**, 211-220 (2011)

Decarli, R., M. Dotti and A. Treves: Geometry and inclination of the broad-line region in blazars. *Monthly Notices of the Royal Astronomical Society* **413**, 39-46 (2011)

Dong, X.-B., J.-G. Wang, L. C. Ho, T.-G. Wang, X. Fan, H. Wang, H. Zhou and W. Yuan: What controls the Fe II strength in active galactic nuclei? *The Astrophysical Journal* **736**, id. 86, (2011)

Dumas, G., E. Schinnerer, F. S. Tabatabaei, R. Beck, T. Velusamy and E. Murphy: The local radio-IR relation in M51. *The Astronomical Journal* **141**, id. 41, (2011)

Dunne, L., H. L. Gomez, E. da Cunha, S. Charlot, S. Dye, S. Eales, S. J. Maddox, K. Rowlands, D. J. B. Smith, R. Auld, M. Baes, D. G. Bonfield, N. Bourne, S. Buttiglione, A. Cava, D. L. Clements, K. E. K. Coppin, A. Cooray, A. Dariush, G. de Zotti, S. Driver, J. Fritz, J. Geach, R. Hopwood, E. Ibar, R. J. Ivison, M. J. Jarvis, L. Kelvin, E. Pascale, M. Pohlen, C. Popescu, E. E. Rigby, A. Robotham, G. Rodighiero, A. E. Sansom, S. Serjeant, P. Temi, M. Thompson, R. Tuffs, P. van der Werf and C. Vlahakis: Herschel-ATLAS: rapid evolution of dust in galaxies over the last 5 billion years. *Monthly Notices of the Royal Astronomical Society* **417**, 1510-1533 (2011)

Dwek, E., J. G. Staguhn, R. G. Arendt, P. L. Capak, A. Kovacs, D. J. Benford, D. Fixsen, A. Karim, S. Leclercq, S. F. Maher, S. H. Moseley, E. Schinnerer and E. H. Sharp: Star and dust formation activities in AzTEC-3, a starburst galaxy at $z = 5.3$. *The Astrophysical Journal* **738**, id. 36, (2011)

Eisenstein, D. J., D. H. Weinberg, E. Agol, H. Aihara, C. Allende Prieto, S. F. Anderson, J. A. Arns, É. Aubourg, S. Bailey, E. Balbinot, R. Barkhouser, T. C. Beers, A. A. Berlind, S. J. Bickerton, D. Bizyaev, M. R. Blanton, J. J. Bochanski, A. S. Bolton, C. T. Bosman, J. Bovy, W. N. Brandt, B. Breslauer, H. J. Brewington, J. Brinkmann, P. J. Brown, J. R. Brownstein, D. Burger, N. G. Busca, H. Campbell, P. A. Cargile, W. C. Carithers, J. K. Carlberg, M. A. Carr, L. Chang, Y. Chen, C. Chiappini, J. Comparat, N. Connolly, M. Cortes, R. A. C. Croft, K. Cunha, L. N. da Costa, J. R. A. Davenport, K. Dawson, N. De Lee, G. F. Porto de Mello, F. de Simoni, J. Dean, S. Dhital, A. Ealet, G. L. Ebelke, E. M. Edmondson, J. M. Eiting, S. Escoffier, M. Esposito, M. L. Evans, X. Fan, B. Femenía Castellá, L. Dutra Ferreira, G. Fitzgerald, S. W. Fleming, A. Font-Ribera, E. B. Ford, P. M. Frinchaboy, A. Elia García Pérez, B. S. Gaudi, J. Ge, L. Ghezzi, B. A. Gillespie, G. Gilmore, L. Girardi, J. R. Gott, A. Gould, E. K. Grebel, J. E. Gunn, J.-C. Hamilton, P. Harding, D. W. Harris, S. L. Hawley, F. R. Hearty, J. F. Hennawi, J. I.

González Hernández, S. Ho, D. W. Hogg, J. A. Holtzman, K. Honscheid, N. Inada, I. I. Ivans, L. Jiang, P. Jiang, J. A. Johnson, C. Jordan, W. P. Jordan, G. Kauffmann, E. Kazin, D. Kirkby, M. A. Klaene, G. R. Knapp, J.-P. Kneib, C. S. Kochanek, L. Koesterke, J. A. Kollmeier, R. G. Kron, H. Lampeitl, D. Lang, J. E. Lawler, J.-M. Le Goff, B. L. Lee, Y. S. Lee, J. M. Leisenring, Y.-T. Lin, J. Liu, D. C. Long, C. P. Loomis, S. Lucatello, B. Lundgren, R. H. Lupton, B. Ma, Z. Ma, N. MacDonald, C. Mack, S. Mahadevan, M. A. G. Maia, S. R. Majewski, M. Makler, E. Malanushenko, V. Malanushenko, R. Mandelbaum, C. Maraston, D. Margala, P. Maseman, K. L. Masters, C. K. McBride, P. McDonald, I. D. McGreer, R. G. McMahon, O. Mena Requejo, B. Ménard, J. Miralda-Escudé, H. L. Morrison, F. Mullally, D. Muna, H. Murayama, A. D. Myers, T. Naugle, A. Fausti Neto, D. Cuong Nguyen, R. C. Nichol, D. L. Nidever, R. W. O'Connell, R. L. C. Ogando, M. D. Olmstead, D. J. Oravetz, N. Padmanabhan, M. Paegert, N. Palanque-Delabrouille, K. Pan, P. Pandey, J. K. Parejko, I. Pâris, P. Pellegrini, J. Pepper, W. J. Percival, P. Petitjean, R. Pfaffenberger, J. Pforr, S. Phleps, C. Pichon, M. M. Pieri, F. Prada, A. M. Price-Whelan, M. J. Raddick, B. H. F. Ramos, I. N. Reid, C. Reyle, J. Rich, G. T. Richards, G. H. Rieke, M. J. Rieke, H.-W. Rix, A. C. Robin, H. J. Rocha-Pinto, C. M. Rockosi, N. A. Roe, E. Rollinde, A. J. Ross, N. P. Ross, B. Rossetto, A. G. Sánchez, B. Santiago, C. Sayres, R. Schiavon, D. J. Schlegel, K. J. Schlesinger, S. J. Schmidt, D. P. Schneider, K. Sellgren, A. Shelden, E. Sheldon, M. Shetrone, Y. Shu, J. D. Silverman, J. Simmerer, A. E. Simmons, T. Sivarani, M. F. Skrutskie, A. Slosar, S. Smee, V. V. Smith, S. A. Snedden, K. G. Stassun, O. Steele, M. Steinmetz, M. H. Stockett, T. Stollberg, M. A. Strauss, A. S. Szalay, M. Tanaka, A. R. Thakar, D. Thomas, J. L. Tinker, B. M. Tofflemire, R. Tojeiro, C. A. Tremonti, Vargas Magaña, Mariana, L. Verde, N. P. Vogt, D. A. Wake, X. Wan, J. Wang, B. A. Weaver, M. White, S. D. M. White, J. C. Wilson, J. P. Wisniewski, W. M. Wood-Vasey, B. Yanny, N. Yasuda, C. Yèche, D. G. York, E. Young, G. Zasowski, I. Zehavi and B. Zhao: SDSS-III: Massive spectroscopic surveys of the distant Universe, the Milky Way, and extra-solar planetary systems. *The Astronomical Journal* **142**, id. 72, (2011)

Elmegreen, D. M., B. G. Elmegreen, A. Yau, E. Athanassoula, A. Bosma, R. J. Buta, G. Helou, L. C. Ho, D. A. Gadotti, J. H. Knapen, E. Laurikainen, B. F. Madore, K. L. Masters, S. E. Meidt, K. Menéndez-Delmestre, M. W. Regan, H. Salo, K. Sheth, D. Zaritsky, M. Aravena, R. Skibba, J. L. Hinz, J. Laine, A. Gil de Paz, J.-C. Muñoz-Mateos, M. Seibert, T. Mizusawa, T. Kim and S. Erroz Ferrer: Grand design and flocculent spirals in the Spitzer Survey of stellar structure in galaxies (S4G). *The Astrophysical Journal* **737**, id. 32, (2011)

Emsellem, E., M. Cappellari, D. Krajnović, K. Alatalo, L. Blitz, M. Bois, F. Bournaud, M. Bureau, R. L. Davies, T. A. Davis, P. T. de Zeeuw, S. Khochfar, H. Kuntschner, P.-Y. Lablanche, R. M. McDermid, R. Morganti, T. Naab, T. Oosterloo, M. Sarzi, N. Scott, P. Serra, G. van de Ven, A.-M. Weijmans and L. M. Young: The ATLAS3D project – III. A census of the stellar angular momentum within the effective radius of early-type galaxies: unveiling the distribution of fast and slow rotators. *Monthly Notices of the Royal Astronomical Society* **414**, 888-912 (2011)

Falcón-Barroso, J., G. van de Ven, R. F. Peletier, M. Bureau, H. Jeong, R. Bacon, M. Cappellari, R. L. Davies, P. T. de Zeeuw, E. Emsellem, D. Krajnović, H. Kuntschner, R. M. McDermid, M. Sarzi, K. L. Shapiro, R. C. E. van den Bosch, G. van der Wolk, A. Weijmans and S. Yi: The SAURON project – XIX. Optical and near-infrared scaling relations of nearby elliptical, lenticular and Sa galaxies. *Monthly Notices of the Royal Astronomical Society* **417**, 1787-1816 (2011)

Faure, C., T. Anguita, D. Alloin, K. Bundy, A. Finoguenov, A. Leauthaud, C. Knobel, J. P. Kneib, E. Jullo, O. Ilbert, A. M. Koekemoer, P. Capak, N. Scoville and L. A. M. Tasca: On the evolution of environmental and mass properties of strong lens galaxies in COSMOS. *Astronomy and Astrophysics* **529**, id.A72, (2011)

Fendt, C.: Jet rotation driven by magnetohydrodynamic shocks in helical magnetic fields. *The Astrophysical Journal* **737**, id. 43, (2011)

Fendt, C.: Formation of magnetohydrodynamic jets: flares as triggers of internal shocks. *Memorie della Società Astronomica Italiana* **82**, 112-119 (2011)

Fontanot, F., A. Pasquali, G. De Lucia, F. C. van den Bosch, R. S. Somerville and X. Kang: The dependence of AGN activity on stellar and halo mass in semi-analytic models. *Monthly Notices of the Royal Astronomical Society* **413**, 957-970 (2011)

Fontanot, F. and R. S. Somerville: Evaluating and improving semi-analytic modelling of dust in galaxies based on radiative transfer calculations – II. Dust emission in the infrared. *Monthly Notices of the Royal Astronomical Society* **416**, 2962-2973 (2011)

Foppiani, I., J. M. Hill, M. Lombini, G. Bregoli, G. Cosentino, E. Diolaiti, T. M. Herbst, G. Innocenti, D. Meschke, D. L. Miller, R.-R. Rohloff and L. Schreiber: An instrument for

commissioning the active and adaptive optics of modern telescopes: the Infrared Test Camera for the Large Binocular Telescope. *Experimental Astronomy* **31**, 115–130 (2011)

Foyle, K., H. W. Rix, C. L. Dobbs, A. K. Leroy and F. Walter: Observational evidence against long-lived spiral arms in galaxies. *The Astrophysical Journal* **735**, id. 101, (2011)

Fu, H., A. D. Myers, S. G. Djorgovski and L. Yan: Mergers in double-peaked [O III] active galactic nuclei. *The Astrophysical Journal* **733**, id. 103, (2011)

Fu, H., Z.-Y. Zhang, R. J. Assef, A. Stockton, A. D. Myers, L. Yan, S. G. Djorgovski, J. M. Wrobel and D. A. Riechers: A kiloparsec-scale binary active galactic nucleus confirmed by the Expanded Very Large Array. *The Astrophysical Journal Letters* **740**, id. L44 (2011)

Gordon, K. D., M. Meixner, M. R. Meade, B. Whitney, C. Engelbracht, C. Bot, M. L. Boyer, B. Lawton, M. Sewilo, B. Babler, J. P. Bernard, S. Bracker, M. Block, R. Blum, A. Bolatto, A. Bonanos, J. Harris, J. L. Hora, R. Indebetouw, K. Misselt, W. Reach, B. Shiao, X. Tielens, L. Carlson, E. Churchwell, G. C. Clayton, C. H. R. Chen, M. Cohen, Y. Fukui, V. Gorjian, S. Hony, F. P. Israel, A. Kawamura, F. Kemper, A. Leroy, A. Li, S. Madden, A. R. Marble, I. McDonald, A. Mizuno, N. Mizuno, E. Muller, J. M. Oliveira, K. Olsen, T. Onishi, R. Paladini, D. Paradis, S. Points, T. Robitaille, D. Rubin, K. Sandstrom, S. Sato, H. Shibai, J. D. Simon, L. J. Smith, S. Srinivasan, U. Vrijen, S. Van Dyk, J. T. van Loon and D. Zaritsky: Surveying the agents of galaxy evolution in the tidally stripped, low metallicity Small Magellanic Cloud (SAGE-SMC). I. Overview. *The Astronomical Journal* **142**, id. 102 (2011)

Gouliermis, D. A.: Resolved young stellar populations in star-forming regions of the Magellanic Clouds. *Physica Scripta* **84**, 048401, (2011 online)

Grogin, N. A., D. D. Kocevski, S. M. Faber, H. C. Ferguson, A. M. Koekemoer, A. G. Riess, V. Aquaviva, D. M. Alexander, O. Almaini, M. L. N. Ashby, M. Barden, E. F. Bell, F. Bournaud, T. M. Brown, K. I. Caputi, S. Casertano, P. Cassata, M. Castellano, P. Challis, R.-R. Chary, E. Cheung, M. Cirasuolo, C. J. Conselice, A. Roshan Cooray, D. J. Croton, E. Daddi, T. Dahlen, R. Davé, D. F. de Mello, A. Dekel, M. Dickinson, T. Dolch, J. L. Donley, J. S. Dunlop, A. A. Dutton, D. Elbaz, G. G. Fazio, A. V. Filippenko, S. L. Finkelstein, A. Fontana, J. P. Gardner, P. M. Garnavich, E. Gawiser, M. Giavalisco, A. Grazian, Y. Guo, N. P. Hathi, B. Häussler, P. F. Hopkins, J.-S. Huang, K.-H. Huang, S. W. Jha, J. S. Kartaltepe, R. P. Kirshner, D. C. Koo, K. Lai, K.-S. Lee, W. Li, J. M. Lotz, R. A. Lucas, P. Madau, P. J. McCarthy, E. J. McGrath, D. H. McIntosh, R. J. McLure, B. Mobasher, L. A. Moustakas, M. Mozena, K. Nandra, J. A. Newman, S.-M. Niemi, K. G. Noeske, C. J. Papovich, L. Pentericci, A. Pope, J. R. Primack, A. Rajan, S. Ravindranath, N. A. Reddy, A. Renzini, H.-W. Rix, A. R. Robaina, S. A. Rodney, D. J. Rosario, P. Rosati, S. Salimbeni, C. Scarlata, B. Siana, L. Simard, J. Smidt, R. S. Somerville, H. Spinrad, A. N. Straughn, L.-G. Strolger, O. Telford, H. I. Teplitz, J. R. Trump, A. van der Wel, C. Villforth, R. H. Wechsler, B. J. Weiner, T. Wiklind, V. Wild, G. Wilson, S. Wuyts, H.-J. Yan and M. S. Yun: CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey. *The Astrophysical Journal Supplement Series* **197**, id. 35 (2011)

Györy, Z., A. S. Szalay, T. Budavári, I. Csabai and S. Charlot: Correlations between nebular emission and the continuum spectral shape in SDSS galaxies. *The Astronomical Journal* **141**, id. 133 (2011)

Hansen, S. H., A. V. Macció, E. Romano-Díaz, Y. Hoffman, M. Brüggen, E. Scannapieco and G. S. Stinson: The temperature of hot gas in galaxies and clusters: Baryons dancing to the tune of dark matter. *The Astrophysical Journal* **734**, id. 62 (2011)

Hodge, J. A., R. H. Becker, R. L. White, G. T. Richards and G. R. Zeimann: High-resolution Very Large Array Imaging of Sloan Digital Sky Survey Stripe 82 at 1.4 GHz. *The Astronomical Journal* **142**, id. 3 (2011)

Hönig, S. F., C. Leipski, R. Antonucci and M. Haas: Quantifying the anisotropy in the infrared emission of powerful active galactic nuclei. *The Astrophysical Journal* **736**, id. 26, (2011)

Husemann, B., L. Wisotzki, K. Jahnke and S. F. Sánchez: The low-metallicity QSO HE 2158 – 0107: a massive galaxy growing by accretion of nearly pristine gas from its environment? *Astronomy and Astrophysics* **535**, id.A72 (2011)

Ikeda, H., T. Nagao, K. Matsuoka, Y. Taniguchi, Y. Shioya, J. R. Trump, P. Capak, A. Comastri, M. Enoki, Y. Ideue, Y. Kakazu, A. M. Koekemoer, T. Morokuma, T. Murayama, T. Saito, M. Salvato, E. Schinnerer, N. Z. Scoville and J. D. Silverman: Probing the faint end of the quasar luminosity function at $z \sim 4$ in the COSMOS field. *The Astrophysical Journal Letters* **728**, id. L25, (2011)

Inoue, A. K., K. Kousai, I. Iwata, Y. Matsuda, E. Nakamura, M. Horie, T. Hayashino, C. Tapken, M. Akiyama, S. Noll, T. Yamada, D. Burgarella and Y. Nakamura: Lyman 'bump' galaxies – II. A possible signature of massive extremely metal-poor or metal-free stars in $z = 3.1$ Ly α emitters. Monthly Notices of the Royal Astronomical Society **411**, 2336-2352 (2011)

Inskip, K. J., K. Jahnke, H. W. Rix and G. van de Ven: Resolving the dynamical mass of a $z \sim 1.3$ quasi-stellar object host galaxy using SINFONI and laser guide star assisted adaptive optics. The Astrophysical Journal **739**, id. 90 (2011)

Jahnke, K. and A. V. Maccò: The non-causal origin of the black-hole-galaxy scaling relations. The Astrophysical Journal **734**, id. 92, (2011)

Karim, A., E. Schinnerer, A. Martínez-Sansigre, M. T. Sargent, A. van der Wel, H. W. Rix, O. Ilbert, V. Smolčić, C. Carilli, M. Pannella, A. M. Koekemoer, E. F. Bell and M. Salvato: The star formation history of mass-selected galaxies in the COSMOS field. The Astrophysical Journal **730**, id. 61, (2011)

Kennicutt, R. C., D. Calzetti, G. Aniano, P. Appleton, L. Armus, P. Beirão, A. D. Bolatto, B. Brandl, A. Crocker, K. Croxall, D. A. Dale, J. D. Meyer, B. T. Draine, C. W. Engelbracht, M. Galametz, K. D. Gordon, B. Groves, C. N. Hao, G. Helou, J. Hinz, L. K. Hunt, B. Johnson, J. Koda, O. Krause, A. K. Leroy, Y. Li, S. Meidt, E. Montiel, E. J. Murphy, N. Rahman, H. W. Rix, H. Roussel, K. Sandstrom, M. Sauvage, E. Schinnerer, R. Skibba, J. D. T. Smith, S. Srinivasan, L. Vigroux, F. Walter, C. D. Wilson, M. Wolfire and S. Zibetti: KINGFISH - Key insights on nearby galaxies: A far-infrared survey with Herschel: Survey description and image atlas. Publications of the Astronomical Society of the Pacific **123**, 1347-1369 (2011)

Kirkpatrick, J. A., D. J. Schlegel, N. P. Ross, A. D. Myers, J. F. Hennawi, E. S. Sheldon, D. P. Schneider and B. A. Weaver: A simple likelihood method for quasar target selection. The Astrophysical Journal **743**, id. 125, (2011)

Klement, R. J., C. A. L. Bailer-Jones, B. Fuchs, H. W. Rix and K. W. Smith: Classification of field dwarfs and giants in RAVE and its use in stellar stream detection. The Astrophysical Journal **726**, id. 103, (2011)

Koekemoer, A. M., S. M. Faber, H. C. Ferguson, N. A. Grogin, D. D. Kocevski, D. C. Koo, K. Lai, J. M. Lotz, R. A. Lucas, E. J. McGrath, S. Ogaz, A. Rajan, A. G. Riess, S. A. Rodney, L. Strolger, S. Casertano, M. Castellano, T. Dahlen, M. Dickinson, T. Dolch, A. Fontana, M. Giavalisco, A. Grazian, Y. Guo, N. P. Hathi, K.-H. Huang, A. van der Wel, H.-J. Yan, V. Acquaviva, D. M. Alexander, O. Almaini, M. L. N. Ashby, M. Barden, E. F. Bell, F. Bournaud, T. M. Brown, K. I. Caputi, P. Cassata, P. J. Challis, R.-R. Chary, E. Cheung, M. Cirasuolo, C. J. Conselice, A. Roshan Cooray, D. J. Croton, E. Daddi, R. Davé, D. F. de Mello, L. de Ravel, A. Dekel, J. L. Donley, J. S. Dunlop, A. A. Dutton, D. Elbaz, G. G. Fazio, A. V. Filippenko, S. L. Finkelstein, C. Frazer, J. P. Gardner, P. M. Garnavich, E. Gawiser, R. Gruetzbach, W. G. Hartley, B. Häussler, J. Herrington, P. F. Hopkins, J.-S. Huang, S. W. Jha, A. Johnson, J. S. Kartaltepe, A. A. Khostovan, R. P. Kirshner, C. Lani, K.-S. Lee, W. Li, P. Madau, P. J. McCarthy, D. H. McIntosh, R. J. McLure, C. McPartland, B. Mobasher, H. Moreira, A. Mortlock, L. A. Moustakas, M. Mozena, K. Nandra, J. A. Newman, J. L. Nielsen, S. Niemi, K. G. Noeske, C. J. Papovich, L. Pentericci, A. Pope, J. R. Primack, S. Ravindranath, N. A. Reddy, A. Renzini, H.-W. Rix, A. R. Robaina, D. J. Rosario, P. Rosati, S. Salimbeni, C. Scarlata, B. Siana, L. Simard, J. Smidt, D. Snyder, R. S. Somerville, H. Spinrad, A. N. Straughn, O. Telford, H. I. Teplitz, J. R. Trump, C. Vargas, C. Villforth, C. R. Wagner, P. Wandro, R. H. Wechsler, B. J. Weiner, T. Wiklind, V. Wild, G. Wilson, S. Wuyts and M. S. Yun: CANDELS: the Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey—the Hubble Space Telescope observations, imaging data products, and mosaics. The Astrophysical Journal Supplement Series **197**, id. 36 (2011)

Krips, M., S. Martín, A. Eckart, R. Neri, S. García-Burillo, S. Matsushita, A. Peck, I. Stoklasová, G. Petitpas, A. Usero, F. Combes, E. Schinnerer, E. Humphreys and A. J. Baker: Submillimeter Array/Plateau de Bure Interferometer multiple line observations of the nearby Seyfert 2 galaxy NGC 1068: shock-related gaskinematics and heating in the central 100 pc? The Astrophysical Journal **736**, id. 37, (2011)

Kuntschner, H., E. Emsellem, R. Bacon, M. Cappellari, R. L. Davies, P. T. de Zeeuw, J. Falcón-Barroso, D. Krajnović, R. M. McDermid, R. F. Peletier, M. Sarzi, K. L. Shapiro, R. C. E. van den Bosch and G. van de Ven: The SAURON project – XVII. Stellar population analysis of the absorption line strength maps of 48 early-type galaxies. Monthly Notices of the Royal Astronomical Society **408**, 97-132 (2011)

Leroy, A. K., A. Bolatto, K. Gordon, K. Sandstrom, P. Gratier, E. Rosolowsky, C. W. Engelbracht, N. Mizuno, E. Corbelli, Y. Fukui and A. Kawamura: The CO-to-H₂ conversion factor from infrared dust emission across the Local Group. *The Astrophysical Journal* **737**, id. 12 (2011)

Leroy, A. K., A. S. Evans, E. Momjian, E. Murphy, J. Ott, L. Armus, J. Condon, S. Haan, J. M. Mazzarella, D. S. Meier, G. C. Privon, E. Schinnerer, J. Surace and F. Walter: Complex radio spectral energy distributions in luminous and ultraluminous infrared galaxies. *The Astrophysical Journal Letters* **739**, id. L25 (2011)

Lestrade, J.-F., C. L. Carilli, K. Thanjavur, J.-P. Kneib, D. A. Riechers, F. Bertoldi, F. Walter and A. Omont: A molecular Einstein ring toward the $z = 3.93$ submillimeter galaxy MM18423+5938. *The Astrophysical Journal Letters* **739**, id. L30, (2011)

Magdis, G. E., E. Daddi, D. Elbaz, M. Sargent, M. Dickinson, H. Dannerbauer, H. Aussel, F. Walter, H. S. Hwang, V. Charmandaris, J. Hodge, D. Riechers, D. Rigopoulou, C. Carilli, M. Pannella, J. Mullaney, R. Leiton and D. Scott: GOODS-Herschel: gas-to-dust mass ratios and CO-to-H₂ conversion factors in normal and starbursting galaxies at high- z . *The Astrophysical Journal Letters* **740**, id. L15, (2011)

Marinova, I., S. Jogee, A. Heiderman, F. D. Barazza, M. E. Gray, M. Barden, C. Wolf, C. Y. Peng, D. Bacon, M. Balogh, E. F. Bell, A. Böhm, J. A. R. Caldwell, B. Häußler, C. Heymans, K. Jahnke, E. van Kampen, K. Lane, D. H. McIntosh, K. Meisenheimer, S. F. Sánchez, R. Somerville, A. Taylor, L. Wisotzki and X. Zheng: Barred disks in dense environments. *Memorie della Societa Astronomica Italiana Supplementi* **18**, 61-67 (2011)

Martínez-Galarza, J. R., B. Groves, B. Brandl, G. E. de Messieres, R. Indebetouw and M. A. Dopita: The physical conditions in starbursts derived from Bayesian fitting of mid-infrared spectral energy distribution models: 30 Doradus as a template. *The Astrophysical Journal* **738**, id. 176, (2011)

Matsuura, M., E. Dwek, M. Meixner, M. Otsuka, B. Babler, M. J. Barlow, J. Roman-Duval, C. Engelbracht, K. Sandstrom, M. Lakićević, J. T. van Loon, G. Sonnenborn, G. C. Clayton, K. S. Long, P. Lundqvist, T. Nozawa, K. D. Gordon, S. Hony, P. Panuzzo, K. Okumura, K. A. Misselt, E. Montiel and M. Sauvage: Herschel detects a massive dust reservoir in supernova 1987A. *Science* **333**, 1258-1261 (2011)

McLinden, E. M., S. L. Finkelstein, J. E. Rhoads, S. Malhotra, P. Hibon, M. L. A. Richardson, G. Cresci, A. Quirrenbach, A. Pasquali, F. Bian, X. Fan and C. E. Woodward: First spectroscopic measurements of [O III] emission from Ly α selected field galaxies at $z \sim 3.1$. *The Astrophysical Journal* **730**, id. 136, (2011)

Meier, D. S., J. L. Turner and E. Schinnerer: Cyanoacetylene in IC 342: an evolving densegas component with starburst age. *The Astronomical Journal* **142**, id. 32, (2011)

Meyer, E., M. Kürster, C. Arcidiacono, R. Ragazzoni and H. W. Rix: Astrometry with the MCAO instrument MAD. An analysis of single-epoch data obtained in the layer-oriented mode. *Astronomy and Astrophysics* **532**, 16 (2011)

Montuori, C., M. Dotti, M. Colpi, R. Decarli and F. Haardt: Search for sub-parsec massive binary black holes through line diagnosis. *Monthly Notices of the Royal Astronomical Society* **412**, 26-32 (2011)

More, A., K. Jahnke, S. More, A. Gallazzi, E. F. Bell, M. Barden and B. Häußler: Gravitational Lens Candidates in the E-CDFS. *The Astrophysical Journal* **734**, 69 (2011)

More, S., F. C. van den Bosch, M. Cacciato, R. Skibba, H. J. Mo and X. Yang: Satellite kinematics – III. Halo masses of central galaxies in SDSS. *Monthly Notices of the Royal Astronomical Society* **410**, 210-226 (2011)

Morganti, R., J. Holt, C. Tadhunter, C. Ramos Almeida, D. Dicken, K. Inskip, T. Oosterloo and T. Tzioumis: PKS 1814-637: a powerful radio-loud AGN in a disk galaxy. *Astronomy and Astrophysics* **535**, 97 (2011)

Moster, B. P., A. V. Macciò, R. S. Somerville, T. Naab and T. J. Cox: The effects of a hot gaseous halo in galaxy major mergers. *Monthly Notices of the Royal Astronomical Society* **415**, 3750-3770 (2011)

Moster, B. P., R. S. Somerville, J. A. Newman and H.-W. Rix: A cosmic variance cookbook.

Muñoz-Cuartas, J. C., A. V. Macciò, S. Gottlöber and A. A. Dutton: The redshift evolution of cold dark matter halo parameters: concentration, spin and shape. Monthly Notices of the Royal Astronomical Society **411**, 584-594 (2011)

Murphy, E. J., J. J. Condon, E. Schinnerer, R. C. Kennicutt, D. Calzetti, L. Armus, G. Helou, J. L. Turner, G. Aniano, P. Beirão, A. D. Bolatto, B. R. Brandl, K. V. Croxall, D. A. Dale, J. L. Donovan Meyer, B. T. Draine, C. Engelbracht, L. K. Hunt, C. N. Hao, J. Koda, H. Roussel, R. Skibba and J. D. T. Smith: Calibrating extinction-free star formation rate diagnostics with 33 GHz free-free emission in NGC 6946. The Astrophysical Journal **737**, id. 67, (2011)

Neumayer, N., C. J. Walcher, D. Andersen, S. F. Sánchez, T. Böker and H.-W. Rix: Two-dimensional Ha kinematics of bulgeless disc galaxies. Monthly Notices of the Royal Astronomical Society **413**, 1875-1888 (2011)

Nicol, M.-H., K. Meisenheimer, C. Wolf and C. Tapken: Red-sequence Galaxies at High Redshift by the COMBO-17+4 Survey. The Astrophysical Journal **727**, 51 (2011)

Nilsson, K. K., O. Möller-Nilsson, P. Rosati, M. Lombardi, M. Kümmel, H. Kuntschner, J. R. Walsh and R. A. E. Fosbury: Stellar properties of $z \sim 1$ Lyman-break galaxies from ACS slitless grism spectra. Astronomy and Astrophysics **526**, id.A10, (2011)

Nilsson, K. K., G. Östlin, P. Möller, O. Möller-Nilsson, C. Tapken, W. Freudling and J. P. U. Fynbo: The nature of $z \sim 2.3$ Lyman- α emitters. Astronomy and Astrophysics **529**, id.A9, (2011)

Oh, S.-H., C. Brook, F. Governato, E. Brinks, L. Mayer, W. J. G. de Blok, A. Brooks and F. Walter: The central slope of dark matter cores in dwarf galaxies: simulations versus THINGS. The Astronomical Journal **142**, id. 24, (2011)

Oh, S.-H., W. J. G. de Blok, E. Brinks, F. Walter and R. C. Kennicutt: Dark and luminous matter in THINGS dwarf galaxies. The Astronomical Journal **141**, id. 193, (2011)

Palanque-Delabrouille, N., C. Yèche, A. D. Myers, P. Petitjean, N. P. Ross, E. Sheldon, E. Aubourg, T. Delubac, J. M. Le Goff, I. Pâris, J. Rich, K. S. Dawson, D. P. Schneider and B. A. Weaver: Variability selected high-redshift quasars on SDSS Stripe 82. Astronomy and Astrophysics **530**, 122 (2011)

Pasetto, S., E. K. Grebel, P. Berczik, C. Chiosi and R. Spurzem: Orbital evolution of the Carina dwarf galaxy and self-consistent determination of star formation history. Astronomy and Astrophysics **525**, id.A99, (2011)

Pasquali, A., A. Bik, S. Zibetti, N. Ageorges, W. Seifert, W. Brandner, H. W. Rix, M. Jütte, V. Knierim, P. Buschkamp, C. Feiz, H. Gemperlein, A. Germeroth, R. Hofmann, W. Laun, R. Lederer, M. Lehmitz, R. Lenzen, U. Mall, H. Mandel, P. Müller, V. Naranjo, K. Polsterer, A. Quirrenbach, L. Schäffer, C. Storz and P. Weiser: Infrared narrowband tomography of the local starburst NGC 1569 with the Large Binocular Telescope/LUCIFER. The Astronomical Journal **141**, id. 132 (2011)

Peletier, R. F., E. Kutdemir, G. van der Wolk, J. Falcón-Barroso, R. Bacon, M. Bureau, M. Cappellari, R. L. Davies, P. T. de Zeeuw, E. Emsellem, D. Krajnović, H. Kuntschner, R. M. McDermid, M. Sarzi, N. Scott, K. L. Shapiro, R. C. E. van den Bosch and G. van de Ven: The SAURON project – XX. The Spitzer [3.6] – [4.5] colour in early-type galaxies: colours, colour gradients and inverted scaling relations. Monthly Notices of the Royal Astronomical Society **419**, 2031-2053 (2011)

Penner, K., A. Pope, E. L. Chapin, T. R. Greve, F. Bertoldi, M. Brodwin, R.-R. Chary, C. J. Conselice, K. Coppin, M. Giavalisco, D. H. Hughes, R. J. Ivison, T. Perera, D. Scott, K. Scott and G. Wilson: Origins of the extragalactic background at 1 mm from a combined analysis of the AzTEC and MAMBO data in GOODS-N. Monthly Notices of the Royal Astronomical Society **410**, 2749-2759 (2011)

Piñol-Ferrer, N., K. Fathi, A. Lundgren and G. van de Ven: Physical condition of the molecular gas at the centre of NGC 1097. Monthly Notices of the Royal Astronomical Society **414**, 529-537 (2011)

Porth, O.: Simulations and synchrotron radiation from the relativistic jet base. Memorie della Società Astronomica Italiana **82**, 125-128 (2011)

Porth, O., C. Fendt, Z. Meliani and B. Vaidya: Synchrotron radiation of self-collimating relativistic magnetohydrodynamic jets. *The Astrophysical Journal* **737**, id. 42 (2011)

Portinari, L., J. Kotilainen, R. Falomo and R. Decarli: On the cosmological evolution of the black hole-host galaxy relation in quasars. *Monthly Notices of the Royal Astronomical Society* **2119** (2011)

Rahman, N., A. D. Bolatto, T. Wong, A. K. Leroy, F. Walter, E. Rosolowsky, A. A. West, F. Bigiel, J. Ott, R. Xue, R. Herrera-Camus, K. Jameson, L. Blitz and S. N. Vogel: CARMA survey toward infrared-bright nearby galaxies (STING): molecular gas star formation law in NGC 4254. *The Astrophysical Journal* **730**, id. 72 (2011)

Ramos Almeida, C., D. Dicken, C. Tadhunter, A. Asensio Ramos, K. J. Inskip, M. J. Hardcastle and B. Mingo: Clear detection of dusty torus signatures in a weak-line radio galaxy: the case of PKS 0043-42. *Monthly Notices of the Royal Astronomical Society* **413**, 2358-2364 (2011)

Ramos Almeida, C., C. N. Tadhunter, K. J. Inskip, R. Morganti, J. Holt and D. Dicken: The optical morphologies of the 2 Jy sample of radio galaxies: evidence for galaxy interactions. *Monthly Notices of the Royal Astronomical Society* **410**, 1550-1576 (2011)

Rand, R. J., K. Wood, R. A. Benjamin and S. E. Meidt: Infrared spectroscopy of the diffuse ionized halos of edge-on galaxies. *The Astrophysical Journal* **728**, id. 163 (2011)

Richardson, J. C., M. J. Irwin, A. W. McConnachie, N. F. Martin, A. L. Dotter, A. M. N. Ferguson, R. A. Ibata, S. C. Chapman, G. F. Lewis, N. R. Tanvir and R. M. Rich: PAndAS' progeny: Extending the M31 dwarf galaxy cabal. *The Astrophysical Journal* **732**, id. 76 (2011)

Riechers, D. A., C. L. Carilli, R. J. Maddalena, J. Hodge, A. I. Harris, A. J. Baker, F. Walter, J. Wagg, P. A. Vanden Bout, A. Weiß and C. E. Sharon: CO($J = 1 \rightarrow 0$) in $z > 2$ quasar host galaxies: no evidence for extended molecular gas reservoirs. *The Astrophysical Journal Letters* **739**, id. L32 (2011)

Riechers, D. A., L. C. Carilli, F. Walter, A. Weiss, J. Wagg, F. Bertoldi, D. Downes, C. Henkel and J. Hodge: Imaging the molecular gas properties of a major merger driving the evolution of a $z = 2.5$ submillimeter galaxy. *The Astrophysical Journal Letters* **733**, id. L11, (2011)

Riechers, D. A., J. Hodge, F. Walter, C. L. Carilli and F. Bertoldi: Extended cold molecular gas reservoirs in $z \approx 3.4$ submillimeter galaxies. *The Astrophysical Journal Letters* **739**, id. L31, (2011)

Riechers, D. A., F. Walter, C. L. Carilli, P. Cox, A. Weiss, F. Bertoldi and K. M. Menten: Dense molecular gas excitation at high redshift: detection of HCO $^+$ ($J = 4 \rightarrow 3$) emission in the Cloverleaf Quasar. *The Astrophysical Journal* **726**, id. 50, (2011)

Ruhland, C., E. F. Bell, H.-W. Rix and X.-X. Xue: The structure of the Sagittarius Stellar Stream as traced by blue horizontal branch stars. *The Astrophysical Journal* **731**, id. 119, (2011)

Sánchez, S. F., F. F. Rosales-Ortega, R. C. Kennicutt, B. D. Johnson, A. I. Diaz, A. Pasquali and C. N. Hao: PPAK Wide-field Integral Field Spectroscopy of NGC 628 – I. The largest spectroscopic mosaic on a single galaxy. *Monthly Notices of the Royal Astronomical Society* **410**, 313-340 (2011)

Schewtschenko, J. A. and A. V. Macciò: Comparing galactic satellite properties in hydrodynamical and N-body simulations. *Monthly Notices of the Royal Astronomical Society* **413**, 878-886 (2011)

Schmidt, W. and C. Federrath: A fluid-dynamical subgrid scale model for highly compressible astrophysical turbulence. *Astronomy and Astrophysics* **528**, id.A106, (2011)

Schneider, N., S. Bontemps, R. Simon, V. Ossenkopf, C. Federrath, R. S. Klessen, F. Motte, P. André, J. Stutzki and C. Brunt: The link between molecular cloud structure and turbulence. *Astronomy and Astrophysics* **529**, id.A1 (2011)

Schruba, A., A. K. Leroy, F. Walter, F. Bigiel, E. Brinks, W. J. G. de Blok, G. Dumas, C. Kramer, E. Rosolowsky, K. Sandstrom, K. Schuster, A. Usero, A. Weiss and H. Wiesemeyer: A molecular star formation law in the atomic-gas-dominated regime in nearby galaxies. *The Astronomical Journal* **142**, id. 37, (2011)

Silverman, J. D., P. Kampczyk, K. Jahnke, R. Andrae, S. J. Lilly, M. Elvis, F. Civano, V. Mainieri, C. Vignali, G. Zamorani, P. Nair, O. Le Fèvre, L. de Ravel, S. Bardelli, A. Bongiorno, M. Bolzonella, A. Cappi, K. Caputi, C. M. Carollo, T. Contini, G. Coppa, O. Cucciati, S. de la Torre, P. Franzetti, B. Garilli, C. Halliday, G. Hasinger, A. Iovino, C. Knobel, A. M. Koekemoer, K. Kovač, F. Lamareille, J. F. Le Borgne, V. Le Brun, C. Maier, M. Mignoli, R. Pello, E. Pérez-Montero, E. Ricciardelli, Y. Peng, M. Scudeggio, M. Tanaka, L. Tasca, L. Tresse, D. Vergani, E. Zucca, M. Brusa, N. Cappelluti, A. Comastri, A. Finoguenov, H. Fu, R. Gilli, H. Hao, L. C. Ho and M. Salvato: The impact of galaxy interactions on active galactic nucleus activity in zCOSMOS. The Astrophysical Journal **743**, id. 2 (2011)

Skibba, R. A., C. W. Engelbracht, D. Dale, J. Hinz, S. Zibetti, A. Crocker, B. Groves, L. Hunt, B. D. Johnson, S. Meidt, E. Murphy, P. Appleton, L. Armus, A. Bolatto, B. Brandl, D. Calzetti, K. Croxall, M. Galametz, K. D. Gordon, R. C. Kennicutt, J. Koda, O. Krause, E. Montiel, H.-W. Rix, H. Roussel, K. Sandstrom, M. Sauvage, E. Schinnerer, J. D. Smith, F. Walter, C. D. Wilson and M. Wolfire: The emission by dust and stars of nearby galaxies in the Herschel KINGFISH survey. The Astrophysical Journal **738**, id. 89 (2011)

Skibba, R. A. and A. V. Macciò: Properties of dark matter haloes and their correlations: the lesson from principal component analysis. Monthly Notices of the Royal Astronomical Society **416**, 2388-2400 (2011)

Skibba, R. A., F. C. van den Bosch, X. Yang, S. More, H. Mo and F. Fontanot: Are brightest halo galaxies central galaxies? Monthly Notices of the Royal Astronomical Society **410**, 417-431 (2011)

Slater, C. T., E. F. Bell and N. F. Martin: Andromeda XXVIII: a dwarf galaxy more than 350 kpc from Andromeda. The Astrophysical Journal Letters **742**, id. L14 (2011)

Smolčić, V., P. Capak, O. Ilbert, A. W. Blain, M. Salvato, I. Arétxaga, E. Schinnerer, D. Masters, I. Morić, D. A. Riechers, K. Sheth, M. Aravena, H. Aussel, J. Aguirre, S. Berta, C. L. Carilli, F. Civano, G. Fazio, J. Huang, D. Hughes, J. Kartaltepe, A. M. Koekemoer, J. P. Kneib, E. LeFloc'h, D. Lutz, H. McCracken, B. Mobasher, E. Murphy, F. Pozzi, L. Riguccini, D. B. Sanders, M. Sargent, K. S. Scott, N. Z. Scoville, Y. Taniguchi, D. Thompson, C. Willott, G. Wilson and M. Yun: The redshift and nature of AzTEC/COSMOS 1: a starburst galaxy at $z = 4.6$. The Astrophysical Journal Letters **731**, id. L27, (2011)

Smolčić, V., A. Finoguenov, G. Zamorani, E. Schinnerer, M. Tanaka, S. Giordini and N. Scoville: On the occupation of X-ray-selected galaxy groups by radio active galactic nuclei since $z = 1.3$. Monthly Notices of the Royal Astronomical Society **416**, L31-L35 (2011)

Sollima, A., D. Martínez-Delgado, D. Valls-Gabaud and J. Peñarrubia: Discovery of tidal tails around the distant globular cluster Palomar 14. The Astrophysical Journal **726**, id. 47 (2011)

Sollima, A., D. Valls-Gabaud, D. Martinez-Delgado, J. Fliri, J. Penarrubia and H. Hoekstra: A deep view of the Monoceros ring in the anticenter direction: clues of its extra-galactic origin. The Astrophysical Journal Letters **730**, id. L6 (2011)

Tadhunter, C., J. Holt, R. González Delgado, J. Rodríguez Zaurín, M. Villar-Martín, R. Morganti, B. Emonts, C. Ramos Almeida and K. Inskip: Starburst radio galaxies: general properties, evolutionary histories and triggering. Monthly Notices of the Royal Astronomical Society **412**, 960-978 (2011)

Trump, J. R., C. D. Impey, B. C. Kelly, F. Civano, J. M. Gabor, A. M. Diamond-Stanic, A. Merlini, C. M. Urry, H. Hao, K. Jahnke, T. Nagao, Y. Taniguchi, A. M. Koekemoer, G. Lanzuisi, C. Liu, V. Mainieri, M. Salvato and N. Z. Scoville: Accretion rate and the physical nature of unobscured active galaxies. The Astrophysical Journal **733**, id. 60 (2011)

Trump, J. R., T. Nagao, H. Ikeda, T. Murayama, C. D. Impey, J. T. Stocke, F. Civano, M. Elvis, K. Jahnke, B. C. Kelly, A. M. Koekemoer and Y. Taniguchi: Spectropolarimetric evidence for radiatively inefficient accretion in an optically dull active galaxy. The Astrophysical Journal **732**, id. 23 (2011)

Tsalmantza, P., R. Decarli, M. Dotti and D. W. Hogg: A systematic search for massive black hole binaries in the Sloan Digital Sky Survey spectroscopic sample. The Astrophysical Journal **738**, id. 20 (2011)

Vaidya, B., C. Fendt, H. Beuther and O. Porth: Jet formation from massive young stars: magnetohydrodynamics versus radiation pressure. The Astrophysical Journal **742**, id. 56,

(2011)

Valtchanov, I., J. Virdee, R. J. Ivison, B. Swinney, P. van der Werf, D. Rigopoulou, E. da Cunha, R. Lupu, D. J. Benford, D. Riechers, I. Smail, M. Jarvis, C. Pearson, H. Gomez, R. Hopwood, B. Altieri, M. Birkinshaw, D. Coia, L. Conversi, A. Cooray, G. de Zotti, L. Dunne, D. Frayer, L. Leeuw, A. Marston, M. Negrello, M. S. Portal, D. Scott, M. A. Thompson, M. Vaccari, M. Baes, D. Clements, M. J. Michałowski, H. Dannerbauer, S. Serjeant, R. Auld, S. Buttiglione, A. Cava, A. Dariush, S. Dye, S. Eales, J. Fritz, E. Ibar, S. Maddox, E. Pascale, M. Pohlen, E. Rigby, G. Rodighiero, D. J. B. Smith, P. Temi, J. Carpenter, A. Bolatto, M. Gurwell and J. D. Vieira: Physical conditions of the interstellar medium of high-redshift, strongly lensed submillimetre galaxies from the Herschel-ATLAS. Monthly Notices of the Royal Astronomical Society **415**, 3473-3484 (2011)

van der Laan, T. P. R., E. Schinnerer, F. Boone, S. García-Burillo, F. Combes, S. Haan, S. Leon, L. Hunt and A. J. Baker: Molecular gas in NUCleus of GALaxies (NUGA). XV. Molecular gas kinematics in the inner 3 kpc of NGC 6951. Astronomy and Astrophysics **529**, id.A45, (2011)

van der Wel, A., H.-W. Rix, S. Wuyts, E. J. McGrath, A. M. Koekemoer, E. F. Bell, B. P. Holden, A. R. Robaina and D. H. McIntosh: The majority of compact massive galaxies at $z \sim 2$ are disk dominated. The Astrophysical Journal **730**, id. 38 (2011)

van der Wel, A., A. N. Straughn, H. W. Rix, S. L. Finkelstein, A. M. Koekemoer, B. J. Weiner, S. Wuyts, E. F. Bell, S. M. Faber, J. R. Trump, D. C. Koo, H. C. Ferguson, C. Scarlata, N. P. Hathi, J. S. Dunlop, J. A. Newman, M. Dickinson, K. Jahnke, B. W. Salmon, D. F. de Mello, D. D. Kocevski, K. Lai, N. A. Grogin, S. A. Rodney, Y. Guo, E. J. McGrath, K. S. Lee, G. Barro, K. H. Huang, A. G. Riess, M. L. N. Ashby and S. P. Willner: Extreme emission-line galaxies in CANDELS: broadband-selected, starbursting dwarf galaxies at $z > 1$. The Astrophysical Journal **742**, id. 111 (2011)

van der Werf, P. P., A. Berciano Alba, M. Spaans, A. F. Loenen, R. Meijerink, D. A. Riechers, P. Cox, A. Weiß and F. Walter: Water vapor emission reveals a highly obscured, star-forming nuclear region in the QSO host galaxy APM 08279+5255 at $z = 3.9$. The Astrophysical Journal Letters **741**, id. L38, (2011)

van Dokkum, P. G., G. Brammer, M. Fumagalli, E. Nelson, M. Franx, H.-W. Rix, M. Kriek, R. E. Skelton, S. Patel, K. B. Schmidt, R. Bezanson, F. Bian, E. da Cunha, D. K. Erb, X. Fan, N. Förster Schreiber, G. D. Illingworth, I. Labbé, B. Lundgren, D. Magee, D. Marchesini, P. McCarthy, A. Muzzin, R. Quadri, C. C. Steidel, T. Tal, D. Wake, K. E. Whitaker and A. Williams: First results from the 3D-HST Survey: The striking diversity of massive galaxies at $z > 1$. The Astrophysical Journal Letters **743**, id. L15 (2011)

Vollmer, B. and A. K. Leroy: Sustaining star formation rates in spiral galaxies supernova-driven turbulent accretion disk models applied to things galaxies. The Astronomical Journal **141**, id. 24 (2011)

Walter, F., K. Sandstrom, G. Aniano, D. Calzetti, K. Croxall, D. A. Dale, B. T. Draine, C. Engelbracht, J. Hinz, R. C. Kennicutt, M. Wolfire, L. Armus, P. Beirão, A. D. Bolatto, B. Brandl, A. Crocker, M. Galametz, B. Groves, C. N. Hao, G. Helou, L. Hunt, J. Koda, O. Krause, A. Leroy, S. Meidt, E. J. Murphy, N. Rahman, H. W. Rix, H. Roussel, M. Sauvage, E. Schinnerer, R. Skibba, J. D. Smith, C. D. Wilson and S. Zibetti: The displaced dusty interstellar medium of NGC 3077: tidal stripping in the M 81 triplet. The Astrophysical Journal Letters **726**, id. L11, (2011)

Walter, F., A. Weiß, D. Downes, R. Decarli and C. Henkel: A survey of atomic carbon at high redshift. The Astrophysical Journal **730**, id. 18 (2011)

Wang, J., G. Fabbiano, M. Elvis, G. Risaliti, M. Karovska, A. Zezas, C. G. Mundell, G. Dumas and E. Schinnerer: A deep Chandra ACIS study of NGC 4151. III. The line emission and spectral analysis of the ionization cone. The Astrophysical Journal **742**, id. 23, (2011)

Wang, J., G. Fabbiano, G. Risaliti, M. Elvis, M. Karovska, A. Zezas, C. G. Mundell, G. Dumas and E. Schinnerer: A deep Chandra ACIS study of NGC 4151. I. The X-ray morphology of the 3 kpc diameter circum-nuclear region and relation to the cold interstellar medium. The Astrophysical Journal **729**, id. 75, (2011)

Wang, R., J. Wagg, C. L. Carilli, R. Neri, F. Walter, A. Omont, D. A. Riechers, F. Bertoldi, K. M. Menten, P. Cox, M. A. Strauss, X. Fan and L. Jiang: Far-infrared and molecular CO emission from the host galaxies of faint quasars at $z \sim 6$. The Astronomical Journal **142**, id. 101, (2011)

Wang, R., J. Wagg, C. L. Carilli, F. Walter, D. A. Riechers, C. Willott, F. Bertoldi, A. Omont, A. Beelen, P. Cox, M. A. Strauss, J. Bergeron, T. Forveille, K. M. Menten and X. Fan: CO (2-1) line emission in redshift 6 quasar host galaxies. *The Astrophysical Journal Letters* **739**, id. L34 (2011)

Wang, W., S. Boudreault, B. Goldman, T. Henning, J. A. Caballero and C. A. L. Bailer-Jones: The substellar mass function in the central region of the open cluster Praesepe from deep LBT observations. *Astronomy and Astrophysics* **531**, id.A164 (2011)

Wardlow, J. L., I. Smail, K. E. K. Coppin, D. M. Alexander, W. N. Brandt, A. L. R. Danielson, B. Luo, A. M. Swinbank, F. Walter, A. Weiß, Y. Q. Xue, S. Zibetti, F. Bertoldi, A. D. Biggs, S. C. Chapman, H. Dannerbauer, J. S. Dunlop, E. Gawiser, R. J. Ivison, K. K. Knudsen, A. Kovács, C. G. Lacey, K. M. Menten, N. Padilla, H. W. Rix and P. P. van der Werf: The LABOCA survey of the Extended Chandra Deep Field-South: a photometric redshift survey of submillimetre galaxies. *Monthly Notices of the Royal Astronomical Society* **415**, 1479-1508 (2011)

Warren, S. R., D. R. Weisz, E. D. Skillman, J. M. Cannon, J. J. Dalcanton, A. E. Dolphin, R. C. Kennicutt, Jr., B. Koribalski, J. Ott, A. M. Stilp, S. D. Van Dyk, F. Walter and A. A. West: The formation of kiloparsec-scale H I holes in dwarf galaxies. *The Astrophysical Journal* **738**, id. 10 (2011)

Watson, L. C., E. Schinnerer, P. Martini, T. Böker and U. Lisenfeld: Properties of bulgeless disk galaxies. I. Atomic gas. *The Astrophysical Journal Supplement Series* **194**, id. 36 (2011)

Wijesinghe, D. B., E. da Cunha, A. M. Hopkins, L. Dunne, R. Sharp, M. Gunawardhana, S. Brough, E. M. Sadler, S. Driver, I. Baldry, S. Bamford, J. Liske, J. Loveday, P. Norberg, J. Peacock, C. C. Popescu, R. Tuffs, E. Andrae, R. Auld, M. Baes, J. Bland-Hawthorn, S. Buttiglione, A. Cava, E. Cameron, C. J. Conselice, A. Cooray, S. Croom, A. Dariush, G. Dezotti, S. Dye, S. Eales, C. Frenk, J. Fritz, D. Hill, R. Hopwood, E. Ibar, R. Ivison, M. Jarvis, D. H. Jones, E. van Kampen, L. Kelvin, K. Kuijken, S. J. Maddox, B. Madore, M. J. Michałowski, B. Nichol, H. Parkinson, E. Pascale, K. A. Pimbblet, M. Pohlen, M. Prescott, G. Rhodighiero, A. S. G. Robotham, E. E. Rigby, M. Seibert, S. Sergeant, D. J. B. Smith, P. Temi, W. Sutherland, E. Taylor, D. Thomas and P. van der Werf: GAMA/H-ATLAS: the ultraviolet spectral slope and obscuration in galaxies. *Monthly Notices of the Royal Astronomical Society* **415**, 1002-1012 (2011)

Wong, T., A. Hughes, J. Ott, E. Muller, J. L. Pineda, J.-P. Bernard, Y.-H. Chu, Y. Fukui, R. A. Gruendl, C. Henkel, A. Kawamura, U. Klein, L. W. Looney, S. Maddison, Y. Mizuno, D. Paradis, J. Seale and D. E. Welty: The Magellanic Mopra Assessment (MAGMA). I. The molecular cloud population of the Large Magellanic Cloud. *The Astrophysical Journal Supplement Series* **197**, id. 16, (2011)

Woods, P. M., J. M. Oliveira, F. Kemper, J. T. van Loon, B. A. Sargent, M. Matsuura, R. Szczerba, K. Volk, A. A. Zijlstra, G. C. Sloan, E. Lagadec, I. McDonald, O. Jones, V. Gorjian, K. E. Kraemer, C. Gielen, M. Meixner, R. D. Blum, M. Sewiło, D. Riebel, B. Shiao, C. H. R. Chen, M. L. Boyer, R. Indebetouw, V. Antoniou, J. P. Bernard, M. Cohen, C. Dijkstra, M. Galametz, F. Galliano, K. D. Gordon, J. Harris, S. Hony, J. L. Hora, A. Kawamura, B. Lawton, J. M. Leisenring, S. Madden, M. Marengo, C. McGuire, A. J. Mulia, B. O'Halloran, K. Olsen, R. Paladini, D. Paradis, W. T. Reach, D. Rubin, K. Sandstrom, I. Soszyński, A. K. Speck, S. Srinivasan, A. G. G. M. Tielens, E. van Aarle, S. D. van Dyk, H. van Winckel, U. P. Vijh, B. Whitney and A. N. Wilkins: The SAGE-Spec Spitzer Legacy programme: the life-cycle of dust and gas in the Large Magellanic Cloud – Point source classification I. *Monthly Notices of the Royal Astronomical Society* **411**, 1597-1627 (2011)

Worseck, G., J. X. Prochaska, M. McQuinn, A. Dall'Aglio, C. Fechner, J. F. Hennawi, D. Reimers, P. Richter and L. Wisotzki: The end of Helium reionization at $z \approx 2.7$ inferred from cosmic variance in HST/COS He II Ly α absorption spectra. *The Astrophysical Journal Letters* **733**, id. L24, (2011)

Wu, R., D. W. Hogg and J. Moustakas: The aromatic features in very faint dwarf galaxies. *The Astrophysical Journal* **730**, id. 111, (2011)

Wu, X.-B., R. Wang, K. B. Schmidt, F. Bian, L. Jiang and X. Fan: Discovering the missing $2.2 < z < 3$ quasars by combining optical variability and optical/near-infrared colors. *The Astronomical Journal* **142**, id. 78 (2011)

Wuyts, S., N. M. Förster Schreiber, A. van der Wel, B. Magnelli, Y. Guo, R. Genzel, D. Lutz, H. Aussel, G. Barro, S. Berta, A. Cava, J. Graciá-Carpio, N. P. Hathi, K.-H. Huana, D. D. Kocevski.

A. M. Koekemoer, K.-S. Lee, E. Le Floc'h, E. J. McGrath, R. Nordon, P. Popesso, F. Pozzi, L. Riguccini, G. Rodighiero, A. Saintonge and L. Tacconi: Galaxy structure and mode of star formation in the SFR-mass plane from $z \sim 2.5$ to $z \sim 0.1$. The Astrophysical Journal **742**, id. 96, (2011)

Xue, X.-X., H.-W. Rix, B. Yanny, T. C. Beers, E. F. Bell, G. Zhao, J. S. Bullock, K. V. Johnston, H. Morrison, C. Rockosi, S. E. Koposov, X. Kang, C. Liu, A. Luo, Y. S. Lee and B. A. Weaver: Quantifying kinematic substructure in the Milky Way's stellar halo. The Astrophysical Journal **738**, id. 79, (2011)

Yang, Y., A. Zabludoff, K. Jahnke, D. Eisenstein, R. Davé, S. A. Shectman and D. D. Kelson: Gas kinematics in Ly α nebulae. The Astrophysical Journal **735**, id. 87 (2011)

Zeimann, G. R., R. L. White, R. H. Becker, J. A. Hodge, S. A. Stanford and G. T. Richards: Discovery of a radio-selected $z \sim 6$ quasar. The Astrophysical Journal **736**, id. 57, (2011)

Zhang, X., W. Gaessler, A. R. Conrad, T. Bertram, C. Arcidiacono, T. M. Herbst, M. Kuerster, P. Bizenberger, D. Meschke, H.-W. Rix, C. Rao, L. Mohr, F. Briegel, F. Kittmann, J. Berwein, J. Trowitzsch, L. Schreiber, R. Ragazzoni and E. Diolaiti: First laboratory results with the LINC-NIRVANA high layer wavefront sensor. Optics Express **19**, 16087-16095 (2011)

Zibetti, S. and B. Groves: Resolved optical-infrared spectral energy distributions of galaxies: universal relations and their break-down on local scales. Monthly Notices of the Royal Astronomical Society **417**, 812-834 (2011)

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Galaxien und Kosmologie / Galaxies and Cosmology (2011)

Contributed Papers

Bagetakos, I., E. Brinks, F. Walter, W. J. G. de Blok, A. Usero, A. K. Leroy, J. W. Rich, R. C. Kennicutt, R. Simon, V. Ossenkopf and J. Stutzki: The porosity of the neutral ISM in 20 THINGS galaxies. In: The 5th Zermatt ISM-Symposium: Conditions and Impact of Star Formation : New results with Herschel and beyond, (Eds.) Röllig, M., R. Simon, V. Ossenkopf, J. Stutzki. EAS Publications Series **52**, EDP Sciences, 103-106 (2011)

Bailer-Jones, C. A. L., A. Accomazzi, D. J. Mink and A. H. Rots: Bayesian inference of stellar parameters and interstellar extinction with heterogeneous data. In: Astronomical Data Analysis Software and Systems XX, (Eds.) Evans, I. N., A. Accomazzi, D. J. Mink, A. H. Rots. ASP Conf. Ser. **442**, ASP, 475-478 (2011)

Bigiel, F., A. Leroy, F. Walter, B. G. Elmegreen, J. M. Girart and V. Trimble: Scaling relations between gas and star formation in nearby galaxies. In: Computational star formation, (Eds.) Alves, J., B. G. Elmegreen, J. M. Girart, V. Trimble. IAU Symp. **270**, Cambridge Univ. Press, 327-334 (2011)

Brasseur, C., H. W. Rix, N. Martin, P. Prugniel and I. Vauglin: Andromeda and the Seven Dwarfs. In: CRAL – 2010: A Universe of Dwarf Galaxies, (Eds.) Koleva, M., P. Prugniel, I. Vauglin. EAS Publications Series **48**, EDP Sciences, 353-354 (2011)

Casasola, V., S. García-Burillo, F. Combes, L. K. Hunt, M. Krips, E. Schinnerer, A. J. Baker, F. Boone, A. Eckart, S. Léon, R. Neri and L. J. Tacconi: New views on bar pattern speeds from the NUGA survey. Memorie della Societa Astronomica Italiana Supplementi **18**, 43-46 (2011)

Decarli, R., M. Dotti, F. Haardt and S. Zibetti: BH masses in NLS1: the role of the broad-line region geometry. In: Narrow-Line Seyfert 1 Galaxies and their place in the Universe, (Ed.) Foschini, L. id.41(2011 online only)

Falcón-Barroso, J., G. van de Ven, R. Bacon, M. Bureau, M. Cappellari, R. L. Davies, P. T. de Zeeuw, E. Emsellem, D. Krajnović, H. Kuntschner, R. M. McDermid, R. F. Peletier, M. Sarzi, R. C. E. van den Bosch, P. Prugniel and I. Vauglin: The fundamental plane of early-type galaxies. In: CRAL – 2010 : A Universe of Dwarf Galaxies (Eds.) Koleva, M., P. Prugniel, I. Vauglin. EAS Publications Series **48**, EDP Sciences, 411-412 (2011)

Fuhrmann, L., E. Angelakis, I. Nestoras, T. P. Krichbaum, N. Marchili, R. Schmidt, J. A. Zensus, H. Unberechts, A. Sievers, D. Riquelme, L. Foschini, G. Ghisellini, G. Ghirlanda, G. Tagliaferri, F. Tavecchio, L. Maraschi, M. Giroletti, G. Calderone, M. Colpi and R. Decarli: Gamma-ray NLSy1s and 'classical' blazars: are they different at radio cm/mm bands? In: Narrow-Line Seyfert 1 Galaxies and their Place in the Universe, (Ed.) Foschini, L. id.26(2011 online)

Gabany, R. J. and D. Martinez-Delgado: Good science with modest instruments. In: 30th Annual Symposium on Telescope Science, (Eds.) Warner, B. D., J. Foote, R. Buchheim. Society for Astronomical Sciences, 1-12 (2011)

Galametz, M., M. Albrecht, R. Kennicutt, F. Bertoldi, F. Walter, A. Weiss, D. Dale, B. Draine, G. Aniano, C. Engelbracht, J. Hinz, H. Roussel, K. Belkacem, R. Samadi and D. Valls-Gabaud: Mapping the dust properties of nearby galaxies with Herschel and LABOCA. In: SF2A-2011: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics, (Eds.) Alecian, G., K. Belkacem, R. Samadi, D. Valls-Gabaud. French Society of Astronomy and Astrophysics, 119-123 (2011)

Hart, M., S. Rabien, L. Busoni, L. Barl, U. Bechmann, M. Bonaglia, Y. Boose, J. Borelli, T. Bluemchen, L. Carbonaro, C. Connot, M. Deysenroth, R. Davies, O. Durney, M. Elberich, T. Ertl, S. Esposito, W. Gaessler, V. Gasho, H. Gemperlein, P. Hubbard, S. Kanneganti, M. Kulas, K. Newman, J. Noenickx, G. de Xivry, A. Qirrenback, M. Rademacher, C. Schwab, J. Storm, V. Vaitheswaran, G. Weigelt and J. Ziegleder: The Large Binocular Telescope's ARGOS ground-layer AO system. In: The Large Binocular Telescope's ARGOS ground-layer AO system, (Ed.) Ryan, S. The Maui Economic Development Board, E23(2011 online)

Hart, M., S. Rabien, L. Busoni, L. Barl, U. Beckmann, M. Bonaglia, Y. Boose, J. L. Borelli, T. Bluemchen, L. Carbonaro, C. Connot, M. Deysenroth, R. Davies, O. Durney, M. Elberich, T. Ertl, S. Esposito, W. Gaessler, V. Gasho, H. Gemperlein, P. Hubbard, S. Kanneganti, M. Kulas, K. Newman, J. Noenickx, G. Orban de Xivry, D. Peter, A. Quirrenbach, M. Rademacher, C. Schwab, J. Storm, V. Vaitheeswaran, G. Weigelt and J. Ziegleder: Status report on the Large Binocular Telescope's ARGOS ground-layer AO system. In: Astronomical Adaptive Optics Systems and Applications IV, (Eds.) Tyson, R. K., M. Hart. SPIE **8149**, SPIE, 81490J-81490J-11(2011)

Hogg, D. W. and D. Lang: Telescopes don't make catalogues! In: GAIA: At the Frontiers of Astrometry, (Eds.) Turon, C., F. Meynadier, F. Arenou. EAS Publications Series **45**, EDP Sciences, 351-358 (2011)

Holmes, R., U. Grözinger, P. Bizenberger and O. Krause: A filter mount for the Euclid mission. In: UV/Optical/IR Space Telescopes and Instruments: Innovative Technologies and Concepts V, (Ed.) Tsakalacos, L. SPIE **8146**, SPIE, 814611-8 (2011)

Jin, S., N. F. Martin, P. Prugniel and I. Vauglin: The Hercules satellite: a stellar stream in the Milky Way halo? In: CRAL-2010: A Universe of Dwarf Galaxies, (Ed.) Koleva, M. EAS Publications Series **48**, EDP Sciences, 361-362 (2011)

Johnson, L. C., A. C. Seth, J. J. Dalcanton, N. Caldwell, D. A. Gouliermis, P. W. Hodge, S. S. Larsen, K. A. G. Olsen, I. San Roman, A. Sarajedini, D. R. Weisz and C. Phat: Stellar clusters in M 31 from PHAT: survey overview and first results. In: Stellar Clusters & Associations: A RIA Workshop on Gaia, (Eds.) Alfaro Navarro, E. J., A. T. Gallego Calvente, M. R. Zapatero Osorio. 129-132 (2011 online)

Julio Carballo-Bello, A., D. Martínez-Delgado, A. Sollima, P. Prugniel and I. Vauglin: Searching for tidal remnants in the Milky Way: Photometric survey of galactic globular clusters. In: CRAL-2010: A Universe of Dwarf Galaxies (Ed.) Koleva, M. EAS Publications Series **48**, EDP Sciences 351-352 (2011)

Karim, A., E. Schinnerer, J. Lu, Z. Luo, Z. Yang, H. Hua and Z. Chen: A Constant Characteristic Mass for Star Forming Galaxies since $z=3$ Revealed by Radio Emission in the COSMOS Field. In: Galaxy Evolution: Infrared to Millimeter Wavelength Perspective, (Eds.) Wang, W., Z. Yang, J. Lu, H. Hua, L. Zhijian, Z. Chen. ASP Conf. Ser. **446**, ASP, 269-274 (2011)

Karim, A., E. Schinnerer, J. Lu, Z. Luo, Z. Yang, H. Hua and Z. Chen: A constant characteristic mass for star forming galaxies since $z \sim 3$ revealed by radio emission in the COSMOS field. In: Galaxy Evolution: Infrared to Millimeter Wavelength Perspective, (Eds.) Wang, W., Z. Yang, J. Lu, H. Hua, Z. Luo, Z. Chen. ASP Conf. Ser. **446**, ASP, 269-274 (2011)

Klement, R. J., J. Setiawan, T. Henning, H.-W. Rix, B. Rochau, J. Rodmann, T. Schulze-Hartung, M. G. Lattanzi and A. P. Boss: The visitor from an ancient galaxy: A planetary companion around an old, metal-poor red horizontal branch star. In: The Astrophysics of Planetary Systems: Formation, Structure, and Dynamical Evolution, (Eds.) Sozzetti, A., M. G. Lattanzi, A. P. Boss. IAU Symp. **276**, Cambridge Univ. Press, 121-125 (2011)

Kontizas, M., I. Bellas-Velidis, B. Rocca-Volmerange, E. Kontizas, P. Tsalmantza, E. Livanou, A. Dapergolas and A. Karampelas: The unresolved galaxies with Gaia. In: GAIA: At the Frontiers of Astrometry (Eds.) Turon, C., F. Meynadier, F. Arenou. EAS Publications Series **45**, EDP Sciences 337-342 (2011)

Laureijs, R., J. Amiaux, S. Arduini, J. L. Auguerores, J. Brinchmann, R. Cole, M. Cropper, C. Dabin, L. Duvet, A. Ealet, B. Garilli, P. Gondoin, L. Guzzo, J. Hoar, H. Hoekstra, R. Holmes, T. Kitching, T. Maciaszek, Y. Mellier, F. Pasian, W. Percival, J. Rhodes, G. Saavedra Criado, M. Sauvage, R. Scaramella, L. Valenziano, S. Warren, R. Bender, F. Castander, A. Cimatti, O. Le Fèvre, H. Kurki-Suonio, M. Levi, P. Lilje, G. Meylan, R. Nichol, K. Pedersen, V. Popa, R. Rebolo Lopez, H. W. Rix, H. Rottgering, W. Zeilinger, F. Grupp, P. Hudelot, R. Massey, M. Meneghetti, L. Miller, S. Paltani, S. Paulin-Henriksson, S. Pires, C. Saxton, T. Schrabback, G. Seidel, J. Walsh, N. Aghanim, L. Amendola, J. Bartlett, C. Baccigalupi, J. P. Beaulieu, K. Benabed, J. G. Cuby, D. Elbaz, P. Fosalba, G. Gavazzi, A. Helmi, I. Hook, M. Irwin, J. P. Kneib, M. Kunz, F. Mannucci, L. Moscardini, C. Tao, R. Teyssier, J. Weller, G. Zamorani, M. R. Zapatero Osorio, O. Boulade, J. J. Foumond, A. Di Giorgio, P. Guttridge, A. James, M. Kemp, J. Martignac, A. Spencer, D. Walton, T. Blümchen, C. Bonoli, F. Bortoletto, C. Cerna, L. Corcione, C. Fabron, K. Jahnke, S. Ligori, F. Madrid, L. Martin, G. Morgante, T. Pamplona, E. Prieto, M. Riva, R. Toledo, M. Trifoglio, F. Zerbi, F. Abdalla, M. Douspis, C. Grenet, S. Borgani,

*R. Bouwens, F. Courbin, J. M. Delouis, P. Dubath, A. Fontana, M. Frailis, A. Grazian, J. Koppenhöfer, O. Mansutti, M. Melchior, M. Mignoli, J. Mohr, C. Neissner, K. Noddle, M. Poncet, M. Scoddeggio, S. Serrano, N. Shane, J. L. Starck, C. Surace, A. Taylor, G. Verdoes-Kleijn, C. Vuerli, O. R. Williams, A. Zacchei, B. Altieri, I. Escudero Sanz, R. Kohley, T. Oosterbroek, P. Astier, D. Bacon, S. Bardelli, C. Baugh, F. Bellagamba, C. Benoist, D. Bianchi, A. Biviano, E. Branchini, C. Carbone, V. Cardone, D. Clements, S. Colombi, C. Conselice, G. Cresci, N. Deacon, J. Dunlop, C. Fedeli, F. Fontanot, P. Franzetti, C. Giocoli, J. Garcia-Bellido, J. Gow, A. Heavens, P. Hewett, C. Heymans, A. Holland, Z. Huang, O. Ilbert, B. Joachimi, E. Jennings, E. Kerins, A. Kiessling, D. Kirk, R. Kotak, O. Krause, O. Lahav, F. van Leeuwen, J. Lesgourgues, M. Lombardi, M. Magliocchetti, K. Maguire, E. Majerotto, R. Maoli, F. Marulli, S. Maurogordato, H. McCracken, R. McLure, A. Melchiorri, A. Merson, M. Moresco, M. Nonino, P. Norberg, J. Peacock, R. Pello, M. Penny, V. Pettorino, C. Di Porto, L. Pozzetti, C. Quercellini, M. Radovich, A. Rassat, N. Roche, S. Ronayette, E. Rossetti, B. Sartoris, P. Schneider, E. Semboloni, S. Serjeant, F. Simpson, C. Skordis, G. Smadja, S. Smartt, P. Spano, S. Spiro, M. Sullivan, A. Tilquin, R. Trotta, L. Verde, Y. Wang, G. Williger, G. Zhao, J. Zoubian and E. Zucca: Euclid Definition Study Report. ArXiv e-prints **1110**, 116 (2011)*

*Oklopčić, A., V. Smolčić, S. Giordini, G. Zamorani, L. Bhatirzan, E. Schinnerer, C. L. Carilli, A. Finoguenov, S. Lilly, A. Koekemoer and N. Z. Scoville: A wide-angle tail galaxy at $z = 0.53$ in the COSMOS field. Memorie della Società Astronomica Italiana **82**, 161-164 (2011)*

*Pasetto, S., E. K. Grebel, P. Berczik, C. Chiosi, R. Spurzem, W. Dehnen, P. Prugniel and I. Vauglin: Chemodynamics of the galaxies: from cuspy to dark matter density profiles and metallicity gradients. In: CRAL – 2010: A Universe of Dwarf Galaxies, (Eds.) Koleva, M., P. Prugniel, I. Vauglin. EAS Publications Series **48**, EDP Sciences, 461-462 (2011)*

*Porth, O., E. de Gouveia Dal Pino and A. G. Kosovichev: Two component relativistic acceleration and polarized radiation of the parsec-scale AGN jet. In: Advances in Plasma Astrophysics, (Eds.) Bonanno, A., E. De Gouveia dal Pino, A. G. Kosovichev. IAU Symp. **274**, Cambridge Univ. Press, 258-262 (2011)*

*Re Fiorentin, P., M. G. Lattanzi, R. L. Smart, A. Spagna, C. A. L. Bailer-Jones, T. C. Beers and T. Zwitter: Hunting for stellar streams in the solar neighbourhood with the SDSS and GSC-II kinematic survey. In: GAIA: At the Frontiers of Astrometry, (Eds.) Turon, C., F. Meynadier, F. Arenou. EAS Publications Series **45**, EDP Sciences, 203-208 (2011)*

*Sandstrom, K. M., A. D. Bolatto, B. T. Draine, C. Bot, S. Stanimirovic and A. G. G. M. Tielens: The Spitzer Surveys of the Small Magellanic Cloud: Insights into the Life-Cycle of Polycyclic Aromatic Hydrocarbons. In: PAHs and the universe, (Eds.) Joblin, C., A. G. G. M. Tielens. EAS Publications Series **46**, EDP Sciences, 215-221 (2011)*

*Schneider, N., F. Motte, S. Bontemps, M. Hennemann, P. Tremblin, V. Minier, E. Audit, J. di Francesco, P. André, T. Hill, T. Csengeri, Q. Nyguen-Luong, R. Simon, V. Ossenkopf and J. Stutzki: Star formation in the Rosette molecular cloud under the influence of NGC 2244. In: The 5th Zermatt ISM-Symposium, (Eds.) Röllig, M., R. Simon, V. Ossenkopf, J. Stutzki. EAS Publications Series **52**, EDP Sciences, 305-306 (2011)*

*Setiawan, J., R. Klement, T. Henning, H.-W. Rix, B. Rochau, T. Schulze-Hartung, J. Rodmann, H. Drechsel and U. Heber: A planetary companion around a metal-poor star with extragalactic origin. In: Planetary Systems Beyond the Main Sequence, (Eds.) Schuh, S., H. Drechsel, U. Heber. AIP Conference Proceedings **1331**, AIP, 182-189 (2011)*

*Sordo, R., A. Vallenari, R. Tantalo, C. Liu, K. Smith, F. Allard, R. Blomme, J. C. Bouret, I. Brott, P. de Laverny, B. Edvardsson, Y. Frémat, U. Heber, E. Josselin, O. Kochukhov, A. Korn, A. Lanzaflame, C. Martayan, F. Martins, B. Plez, A. Schweitzer, F. Thévenin and J. Zorec: Stellar libraries for Gaia. Journal of Physics Conference Series **328**, 012006, (2011)*

*Staguhn, J. G., D. Benford, R. G. Arendt, D. J. Fixsen, A. Karim, A. Kovacs, S. Leclercq, S. F. Maher, T. M. Miller, S. H. Moseley, E. J. Wollack, R. Simon, V. Ossenkopf and J. Stutzki: Latest results from GISMO: a 2-mm bolometer camera for the IRAM 30-m Telescope. In: The 5th Zermatt ISM-Symposium: Conditions and Impact of Star Formation : New results with Herschel and beyond, (Eds.) Röllig, M., R. Simon, V. Ossenkopf, J. Stutzki. EAS Publications Series **52**, EDP Sciences, 267-271 (2011)*

*Theis, C., G. Jungwirth, H. Petsch and F. Walter: Modeling Interacting Galaxies: NGC 4449 revisited. In: JENAM 2008: Grand Challenges in Computational Astrophysics, (Eds.) Wozniak, H., G. Hensler. EAS Publications Series **44**, EDP Sciences, 29-32 (2011)*

van den Bosch, R.: A Survey of Nearby Massive Galaxies. In: Fornax, Virgo, Coma et al.,

Watson, L., P. Martini, T. Böker, U. Lisenfeld, E. Schinnerer, M. H. Wong, T. Wyder, J. Neill, M. Seibert and J. Lee: Testing the star formation law in bulgeless disk galaxies. In: UP2010: Have Observations Revealed a Variable Upper End of the Initial Mass Function?, (Eds.) Treyer, M., T. K. Wyder, J. D. Neill, M. Seibert, J. C. Lee. ASP Conf. Ser. **440**, ASP, 393-396 (2011)

Watson, L., P. Martini, T. Böker, U. Lisenfeld, E. Schinnerer, M. H. Wong, T. Wyder, J. Neill, M. Seibert and J. Lee: Testing the star formation law in bulgeless disk galaxies. In: UP2010: Have Observations Revealed a Variable Upper End of the Initial Mass Function?, (Eds.) Treyer, M., T. K. Wyder, J. D. Neill, M. Seibert. ASP Conf. Ser. **440**, ASP, 393-396 (2011)

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Galaxien und Kosmologie / Galaxies and Cosmology (2011)

Invited Papers and reviews

Fendt, C., B. Vaidya, O. Porth and S. S. Nezami: MHD simulations of jet formation – protostellar jets & applications to AGN jets. In: Jets at all Scales, (Eds.) Romero, G. E., R. A. Sunyaev, T. M. Belloni. IAU Symp. **275**, Cambridge Univ. Press, 383-391 (2011)

Schartmann, M., K. Meisenheimer, H. Klahr, M. Camenzind, S. Wolf, T. Henning, A. Burkert and M. Krause: Hydrodynamic studies of turbulent AGN tori. In: JENAM 2008: Grand Challenges in Computational Astrophysics, (Eds.) Wozniak, H., G. Hensler. EAS Publications Series **44**, EDP Sciences, 69-72 (2011)

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