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### Cosmology

#### [The LABOCA survey of the Extended Chandra Deep Field-South - radio and mid-infrared counterparts to submillimetre galaxies](#)

**Biggs, A.D.**, Ivison, R.J., Ibar, E., Wardlow, J.L., Dannerbauer, H., Smail, I., Walter, F., Weiß, A., Chapman, S.C., Coppin, K.E.K., **De Breuck, C.**, Dickinson, M., Knudsen, K.K., **Mainieri, V.**, Menten, K., & Papovich, C., 2011, MNRAS, 413, 2314 [[ADS](#)]

*Instruments:* LABOCA

#### [A Photometric Redshift of \$z \sim 9.4\$ for GRB 090429B](#)

Cucchiara, A., Levan, A.J., Fox, D.B., Tanvir, N.R., Ukwatta, T.N., Berger, E., Krühler, T., **Küpcü Yıldız, A.**, Wu, X.F., Toma, K., Greiner, J., Olivares, F.E., Rowlinson, A., Amati, L., Sakamoto, T., Roth, K., Stephens, A., Fritz, A., Fynbo, J.P.U., Hjorth, J., Malesani, D., Jakobsson, P., Wiersema, K., O'Brien, P.T., Soderberg, A.M., Foley, R.J., Fruchter, A.S., Rhoads, J., Rutledge, R.E., Schmidt, B.P., Dopita, M.A., Podsiadlowski, P., Willingale, R., Wolf, C., Kulkarni, S.R., & D'Avanzo, P., 2011, ApJ, 736, 7 [[ADS](#)]

*Instruments:* FORS2

#### [A luminous quasar at a redshift of \$z = 7.085\$](#)

Mortlock, D.J., Warren, S.J., **Venemans, B.P.**, Patel, M., Hewett, P.C., McMahon, R.G., Simpson, C., Theuns, T., González-Solares, E.A., Adamson, A., Dye, S., Hambly, N.C., Hirst, P., Irwin, M.J., Kuiper, E., Lawrence, A., & Röttgering, H.J.A., 2011, Natur, 474, 616 [[ADS](#)]

*Instruments:* FORS2

#### [Exploring the galaxy cluster-group transition regime at high redshifts. Physical properties of two newly detected \$z > 1\$ systems](#)

Šuhada, R., Fassbender, R., Nastasi, A., Böhringer, H., de Hoon, A., Pierini, D., Santos, J.S., **Rosati, P.**, Mühlegger, M., Quintana, H., Schwobe, A.D., Lamer, G., Kohnert, J., & Pratt, G.W., 2011, A&A, 530, 110 [[ADS](#)]

*Instruments:* FORS2

#### [Diffuse intracluster light at intermediate redshifts: intracluster light observations in an X-ray cluster at \$z = 0.29\$](#)

Toledo, I., **Melnick, J.**, **Selman, F.**, Quintana, H., Giraud, E., & Zelaya, P., 2011, MNRAS, 414, 602 [[ADS](#)]

*Instruments:* FORS2, SUSI2

#### [The LABOCA survey of the Extended Chandra Deep Field-South: a photometric redshift survey of submillimetre galaxies](#)

Wardlow, J.L., Smail, I., Coppin, K.E.K., Alexander, D.M., Brandt, W.N., Danielson, A.L.R., Luo, B., Swinbank, A.M., Walter, F., Weiß, A., Xue, Y.Q., Zibetti, S., Bertoldi, F., **Biggs, A.D.**, Chapman, S.C., Dannerbauer, H., Dunlop, J.S., Gawiser, E., Ivison, R.J., Knudsen, K.K., Kovács, A., Lacey, C.G., Menten, K.M., Padilla, N., Rix, H.-W., van der Werf, P.P., 2011, MNRAS, 415, 1479 [[ADS](#)]

*Instruments:* VIMOS, LABOCA, HAWK-I

### Galaxies and Galactic Nuclei

#### [The Ara OB1a association. Stellar population and star formation history](#)

Baume, G., **Carraro, G.**, **Comeron, F.**, & de Elia, G.C., 2011, A&A, 531, 73 [[ADS](#)]

*Instruments:* VIRCAM

### [Spatially resolved kinematics of an ultracompact dwarf galaxy](#)

Frank, M.J., Hilker, M., Mieske, S., Baumgardt, H., Grebel, E.K., & Infante, L., 2011, MNRAS, 414, L70 [[ADS](#)]  
*Instruments:* UVES, FLAMES-GIRAFFE

### [A large population of ultra-compact dwarf galaxies in the Hydra I cluster](#)

Misgeld, I., Mieske, S., Hilker, M., Richtler, T., Georgiev, I.Y., & Schuberth, Y., 2011, A&A, 531, 4 [[ADS](#)]  
*Instruments:* VIMOS

### [Physical condition of the molecular gas at the centre of NGC 1097](#)

Piñol-Ferrer, N., Fathi, K., Lundgren, A., & van de Ven, G., 2011, MNRAS, 414, 529 [[ADS](#)]  
*Instruments:* APEX-2A, SHFI

### [The dark halo of the Hydra I galaxy cluster: core, cusp, cosmological? Dynamics of NGC 3311 and its globular cluster system](#)

Richtler, T., Salinas, R., Misgeld, I., Hilker, M., Hau, G.K.T., Romanowsky, A.J., Schuberth, Y., & Spolaor, M., 2011, A&A, 531, 119 [[ADS](#)]  
*Instruments:* FORS1, VIMOS

### [The stellar kinematics and populations of boxy bulges: cylindrical rotation and vertical gradients](#)

Williams, M.J., Zamojski, M.A., Bureau, M., Kuntschner, H., Merrifield, M.R., de Zeeuw, P.T., & Kuijken, K., 2011, MNRAS, 414, 2163 [[ADS](#)]  
*Instruments:* EMMI

## Interstellar Medium, Star Formation and Planetary Systems

### [A low optical depth region in the inner disk of the Herbig Ae star HR 5999](#)

Benisty, M., Renard, S., Natta, A., Berger, J.P., Massi, F., Malbet, F., Garcia, P.J.V., Isella, A., Mérand, A., Monin, J.L., Testi, L., Thiébaud, E., Vannier, M., & Weigelt, G., 2011, A&A, 531, 84 [[ADS](#)]  
*Instruments:* AMBER

### [No substellar objects at the center of the Lupus 3 star-forming cloud](#)

Comerón, F., 2011, A&A, 531, 33 [[ADS](#)]  
*Instruments:* FORS2, HAWK-I

### [Chromospheric activities and kinematics for solar type dwarfs and subgiants: analysis of the activity distribution and the AVR](#)

Jenkins, J.S., Murgas, F., Rojo, P., Jones, H.R.A., Day-Jones, A.C., Jones, M.I., Clarke, J.R.A., Ruiz, M.T., & Pinfield, D.J., 2011, A&A, 531, 8 [[ADS](#)]  
*Instruments:* FEROS2.2

### [Unusually high rotational temperature of the CN radical](#)

Krelowski, J., Galazutdinov, G., & Beletsky, Y., 2011, A&A, 531, 68 [[ADS](#)]  
*Instruments:* UVES, FEROS2.2

### [Sparse aperture masking at the VLT. I. Faint companion detection limits for the two debris disk stars HD 92945 and HD 141569](#)

Lacour, S., Tuthill, P., Amico, P., Ireland, M., Ehrenreich, D., Huelamo, N., & Lagrange, A.-M., 2011, A&A, 532, 72 [[ADS](#)]  
*Instruments:* NACO

### [EPOXI: Comet 103P/Hartley 2 Observations from a Worldwide Campaign](#)

Meech, K.J., A'Hearn, M.F., Adams, J.A., Bacci, P., Bai, J., Barrera, L., Battelino, M., Bauer, J.M., Becklin, E., Bhatt, B., Biver, N., Bockelée-Morvan, D., Bodewits, D., Bönhardt, H., Boissier, J., Bonev, B.P., Borghini, W., Brucato, J.R., Bryssinck, E., Buie, M.W., Canovas, H., Castellano, D., Charnley, S.B., Chen, W.P., Chiang, P., Choi, Y.-J., Christian, D.J., Chuang, Y.-L., Cochran, A.L., Colom, P., Combi, M.R., Coulson, I.M., Crovisier, J., Dello Russo, N., Dennerl, K., DeWahl, K., DiSanti, M.A., Facchini, M., Farnham, T.L., Fernández, Y., Florén, H.G., Frisk, U., Fujiyoshi, T., Furusho, R., Fuse, T., Galli, G., García-Hernández, D.A., Gersch, A., Getu, Z., Gibb, E.L., Gillon, M., Guido, E., Guillermo, R.A., Hadamcik, E., Hainaut, O., Hammel, H.B., Harker, D.E., Harmon, J.K., Harris, W.M., Hartogh, P., Hashimoto, M., Häusler, B., Herter, T., Hjalmarsen, A., Holland, S.T., Honda, M., Hosseini, S., Howell, E.S., Howes, N., Hsieh, H.H., Hsiao, H.-Y., Hutsemékers, D., Immler, S.M., Jackson, W.M., Jeffers, S.V., Jehin, E., Jones, T.J., Ovelar, M.d.J., Kaluna, H.M., Karlsson, T., Kawakita, H., Keane, J.V., Keller, L.D., Kelley, M.S.,

Kinoshita, D., Kiselev, N.N., Kleyna, J., Knight, M.M., Kobayashi, H., Kobulnicky, H.A., Kolokolova, L., Kreiny, M., Kuan, Y.-J., Küppers, M., Lacruz, J.M., Landsman, W.B., Lara, L.M., Lecacheux, A., Lemasurier-Regourd, A.C., Li, B., Licandro, J., Ligustri, R., Lin, Z.-Y., Lippi, M., Lis, D.C., Lisse, C.M., Lovell, A.J., Lowry, S.C., Lu, H., Lundin, S., Magee-Sauer, K., Magain, P., Manfredi, J., Mazzotta Epifani, E., McKay, A., Melita, M.D., Mikuz, H., Milam, S.N., Milani, G., Min, M., Moreno, R., Mueller, B.E.A., Mumma, M.J., Nicolini, M., Nolan, M.C., Nordh, H.L., Nowajewski, P.B., Odin Team, O.T., Ootsubo, T., Paganini, L., Perrella, C., Pittichová, J., Prosperi, E., Radeva, Y.L., Reach, W.T., Remijan, A.J., Rengel, M., Riesen, T.E., Rodenhuis, M., Rodríguez, D.P., Russell, R.W., Sahu, D.K., Samarasinha, N.H., Sánchez Caso, A., Sandqvist, A., Sarid, G., Sato, M., Schleicher, D.G., Schwieterman, E.W., Sen, A.K., Shenoy, D., Shi, J.-C., Shinnaka, Y., Skvarc, J., Snodgrass, C., Sitko, M.L., Sonnett, S., Sosseini, S., Sostero, G., Sugita, S., Swinyard, B.M., Szutowicz, S., Takato, N., Tanga, P., Taylor, P.A., Tozzi, G.-P., Trabatti, R., Trigo-Rodríguez, J.M., Tubiana, C., de Val-Borro, M., Vacca, W., Vandenbussche, B., Vaubaillion, J., Velichko, F.P., Velichko, S.F., Vervack, R.J.J., Vidal-Nunez, M.J., Villanueva, G.L., Vinante, C., Vincent, J.-B., Wang, M., Wasserman, L.H., Watanabe, J., Weaver, H.A., Weissman, P.R., Wolk, S., Wooden, D.H., Woodward, C.E., Yamaguchi, M., Yamashita, T., Yanamandra-Fischer, P.A., Yang, B., Yao, J.-S., Yeomans, D.K., Zenn, T., Zhao, H., Ziffer, J.E., 2011, ApJ, 734, L1 [\[ADS\]](#)

*Instruments:* CRIRES

#### [The Photoevaporative Wind from the Disk of TW Hya](#)

Pascucci, I., **Sterzik, M.**, Alexander, R.D., Alencar, S.H.P., Gorti, U., Hollenbach, D., Owen, J., Ercolano, B., & Edwards, S., 2011, ApJ, 736, 13 [\[ADS\]](#)

*Instruments:* FEROS1.5, VISIR

#### [Early-type stars observed in the ESO UVES Paranal Observatory Project - III. Sub-parsec and au-scale structure in the interstellar medium](#)

**Smoker, J.V.**, Bagnulo, S., Cabanac, R., Keenan, F.P., Fossati, L., **Ledoux, C.**, Jehin, E., & **Melo, C.**, 2011, MNRAS, 414, 59 [\[ADS\]](#)

*Instruments:* UVES, FEROS2.2

## Stellar Evolution

#### [Carbon chemistry in Galactic bulge planetary nebulae](#)

Guzman-Ramirez, L., Zijlstra, A.A., Nichuimin, R., Gesicki, K., **Lagadec, E.**, Millar, T.J., & Woods, P.M., 2011, MNRAS, 414, 1667 [\[ADS\]](#)

*Instruments:* UVES

#### [The Afterglows of Swift-era Gamma-Ray Bursts. II. Type I GRB versus Type II GRB Optical Afterglows](#)

Kann, D.A., Klose, S., Zhang, B., Covino, S., Butler, N.R., Malesani, D., Nakar, E., Wilson, A.C., Antonelli, L.A., Chincarini, G., Cobb, B.E., D'Avanzo, P., D'Elia, V., **Della Valle, M.**, Ferrero, P., Fugazza, D., Gorosabel, J., Israel, G.L., Mannucci, F., Piranomonte, S., Schulze, S., Stella, L., Tagliaferri, G., & Wiersema, K., 2011, ApJ, 734, 96 [\[ADS\]](#)

*Instruments:* FORS1, FORS2

#### [Discovery of close binary central stars in the planetary nebulae NGC 6326 and NGC 6778](#)

Miszalski, B., **Jones, D.**, Rodríguez-Gil, P., **Boffin, H.M.J.**, Corradi, R.L.M., & Santander-García, M., 2011, A&A, 531, 158 [\[ADS\]](#)

*Instruments:* FORS2

#### [Measuring helium abundance difference in giants of NGC 2808](#)

**Pasquini, L.**, Mauas, P., **Käufel, H.U.**, & Cacciari, C., 2011, A&A, 531, 35 [\[ADS\]](#)

*Instruments:* UVES, CRIRES

#### [Multiple emission line components in detached post-common-envelope binaries](#)

Tappert, C., Gänsicke, B.T., Rebassa-Mansergas, A., **Schmidtobreick, L.**, & Schreiber, M.R., 2011, A&A, 531, 113 [\[ADS\]](#)

*Instruments:* FORS2

## Miscellaneous

#### [\[O II\] emitters in the GOODS field at \$z \sim 1.85\$ : a homogeneous measure of evolving star formation](#)

Bayliss, K.D., McMahon, R.G., **Venemans, B.P.**, Ryan-Weber, E.V., & Lewis, J.R., 2011, MNRAS, 413, 2883 [\[ADS\]](#)

*Instruments:* HAWK-I

### [OGLE-2005-BLG-018: Characterization of Full Physical and Orbital Parameters of a Gravitational Binary Lens](#)

Shin, I.-G., Udalski, A., Han, C., Gould, A., Dominik, M., Fouqué, P., Kubiak, M., Szymański, M.K., Pietrzyński, G., Soszyński, I., Ulaczyk, K., Wyrzykowski, Ł., The OGLE Collaboration, T.O.C., DePoy, D.L., Dong, S., Gaudi, B.S., Lee, C.-U., Park, B.-G., Pogge, R.W., The  $\mu$ FUN Collaboration, T. $\mu$ C., Albrow, M.D., Allan, A., Beaulieu, J.P., Bennett, D.P., Bode, M., **Bramich, D.M.**, **Brilliant, S.**, Burgdorf, M., Calitz, H., Cassan, A., Cook, K.H., Corrales, E., Coutures, C., Desort, N., Dieters, S., Dominis Prester, D., Donatowicz, J., Fraser, S.N., Greenhill, J., Hill, K., Hoffman, M., Horne, K., Jørgensen, U.G., Kane, S.R., **Kubas, D.**, Marquette, J.B., Martin, R., Meintjes, P., Menzies, J., Mottram, C., Naylor, T., Pollard, K.R., Sahu, K.C., Snodgrass, C., Steele, I., Vinter, C., Wambsganss, J., Williams, A., Woller, K., The PLANET/RoboNet Collaborations, T.P.C., 2011, ApJ, 735, 85 [\[ADS\]](#)

### [A Ly \$\alpha\$ blob and zabs \$\approx\$ zem damped Ly \$\alpha\$ absorber in the dark matter halo of the binary quasar Q 0151+048](#)

Zafar, T., **Møller, P.**, **Ledoux, C.**, **Fynbo, J.P.U.**, **Nilsson, K.K.**, **Christensen, L.**, **D'Odorico, S.**, Milvang-Jensen, B., Michałowski, M.J., & Ferreira, D.D.M., 2011, A&A, 532, 51 [\[ADS\]](#)  
*Instruments:* X-SHOOTER

## Papers without ESO data

### **Discovery of an Active Galactic Nucleus Driven Molecular Outflow in the Local Early-type Galaxy NGC 1266**

Alatalo, K., Blitz, L., Young, L.M., Davis, T.A., Bureau, M., Lopez, L.A., Cappellari, M., Scott, N., Shapiro, K.L., Crocker, A.F., **Martín, S.**, Bois, M., Bournaud, F., Davies, R.L., **de Zeeuw, P.T.**, Duc, P.-A., **Emsellem, E.**, Falcón-Barroso, J., Khochfar, S., **Krajnović, D.**, **Kuntschner, H.**, Lablanche, P.-Y., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Serra, P., Weijmans, A., 2011, ApJ, 735, 88 [\[ADS\]](#)

### **Dipping in CygnusX-2 in a multi-wavelength campaign due to absorption of extended ADC emission**

Bałućńska-Church, M., Schulz, N.S., Wilms, J., Gibiec, A., Hanke, M., Spencer, R.E., **Rushton, A.**, & Church, M.J., 2011, A&A, 530, 102 [\[ADS\]](#)

### **Clustering Properties of Far-infrared Sources in Hi-GAL Science Demonstration Phase Fields**

Billot, N., Schisano, E., Pestalozzi, M., Molinari, S., Noriega-Crespo, A., Mottram, J.C., Anderson, L.D., Elia, D., Stringfellow, G., Thompson, M.A., Polychroni, D., & **Testi, L.**, 2011, ApJ, 735, 28 [\[ADS\]](#)

### **Massive young disks around Herbig Ae stars**

**Boissier, J.**, Alonso-Albi, T., Fuente, A., Berné, O., Bachiller, R., Neri, R., & Ginard, D., 2011, A&A, 531, 50 [\[ADS\]](#)

### **The SAURON project - XVIII. The integrated UV-line-strength relations of early-type galaxies**

Bureau, M., Jeong, H., Yi, S.K., Schawinski, K., Houghton, R.C.W., Davies, R.L., Bacon, R., Cappellari, M., **de Zeeuw, P.T.**, **Emsellem, E.**, Falcón-Barroso, J., **Krajnović, D.**, **Kuntschner, H.**, McDermid, R.M., Peletier, R.F., Sarzi, M., Sohn, Y.-J., Thomas, D., van den Bosch, R.C.E., van de Ven, G., 2011, MNRAS, 414, 1887 [\[ADS\]](#)

### **New constraints on the chemical evolution of the solar neighbourhood and Galactic disc(s). Improved astrophysical parameters for the Geneva-Copenhagen Survey**

Casagrande, L., Schönrich, R., Asplund, M., Cassisi, S., Ramírez, I., Meléndez, J., **Bensby, T.**, & Feltzing, S., 2011, A&A, 530, 138 [\[ADS\]](#)

### **Unravelling the origins of SO galaxies using maximum likelihood analysis of planetary nebulae kinematics**

**Cortesi, A.**, Merrifield, M.R., **Arnaboldi, M.**, Gerhard, O., Martinez-Valpuesta, I., Saha, K., Coccato, L., Bamford, S., Napolitano, N.R., Das, P., Douglas, N.G., Romanowsky, A.J., Kuijken, K., Capaccioli, M., & Freeman, K.C., 2011, MNRAS, 414, 642 [\[ADS\]](#)

### **The ATLAS3D project - V. The CO Tully-Fisher relation of early-type galaxies**

Davis, T.A., Bureau, M., Young, L.M., Alatalo, K., Blitz, L., Cappellari, M., Scott, N., **Bois, M.**, Bournaud, F., Davies, R.L., **de Zeeuw, P.T.**, **Emsellem, E.**, Khochfar, S., **Krajnović, D.**, **Kuntschner, H.**, Lablanche, P.-Y., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Serra, P., Weijmans, A.-M., 2011, MNRAS, 414, 968 [\[ADS\]](#)

### **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**

**Emsellem, E.**, Cappellari, M., **Krajnović, D.**, Alatalo, K., Blitz, L., **Bois, M.**, Bournaud, F., Bureau, M., Davies,

R.L., Davis, T.A., **de Zeeuw, P.T.**, Khochfar, S., **Kuntschner, H.**, Lablanche, P.-Y., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., van de Ven, G., Weijmans, A.-M., Young, L.M., 2011, MNRAS, 414, 888 [\[ADS\]](#)

#### **Star Formation in the Extended Gaseous Disk of the Isolated Galaxy CIG 96**

Espada, D., Muñoz-Mateos, J.C., Gil de Paz, A., Sabater, J., Boissier, S., Verley, S., Athanassoula, E., Bosma, A., **Leon, S.**, Verdes-Montenegro, L., Yun, M., & Sulentic, J., 2011, ApJ, 736, 20 [\[ADS\]](#)

#### **The Burrell-Optical-Kepler-Survey (BOKS). I. Survey Description and Initial Results**

Feldmeier, J.J., Howell, S.B., Sherry, W., von Braun, K., Everett, M.E., Ciardi, D.R., Harding, P., Mihos, J.C., Rudick, C.S., Lee, T.-H., Kutsko, R.M., **van Belle, G.T.**, 2011, AJ, 142, 2 [\[ADS\]](#)

#### **The Far-ultraviolet "Continuum" in Protoplanetary Disk Systems. II. Carbon Monoxide Fourth Positive Emission and Absorption**

France, K., Schindhelm, E., Burgh, E.B., Herczeg, G.J., Harper, G.M., Brown, A., Green, J.C., Linsky, J.L., Yang, H., Abgrall, H., Ardila, D.R., Bergin, E., Bethell, T., Brown, J.M., Calvet, N., Espaillat, C., Gregory, S.G., Hillenbrand, L.A., **Hussain, G.**, Ingleby, L., Johns-Krull, C.M., Roueff, E., Valenti, J.A., & Walter, F.M., 2011, ApJ, 734, 31 [\[ADS\]](#)

#### **Ordered magnetic fields around radio galaxies: evidence for interaction with the environment**

**Guidetti, D.**, Laing, R.A., Bridle, A.H., Parma, P., & Gregorini, L., 2011, MNRAS, 413, 2525 [\[ADS\]](#)

#### **An atlas of mid-infrared spectra of star-forming and active galaxies**

Hernán-Caballero, A., & **Hatziminaoglou, E.**, 2011, MNRAS, 414, 500 [\[ADS\]](#)

#### **Steady-state evolution of debris discs around solar-type stars**

**Kains, N.**, Wyatt, M.C., & Greaves, J.S., 2011, MNRAS, 414, 2486 [\[ADS\]](#)

#### **Disk and wind kinematics in MWC 349 A**

Martín-Pintado, J., Thum, C., **Planesas, P.**, & Báez-Rubio, A., 2011, A&A, 530, L15 [\[ADS\]](#)

#### **Laboratory comparison of coronagraphic concepts under dynamical seeing and high-order adaptive optics correction**

**Martinez, P.**, Aller-Carpentier, E., Kasper, M., Boccaletti, A., Dorrer, C., & Baudrand, J., 2011, MNRAS, 414, 2112 [\[ADS\]](#)

#### **A 100 pc Elliptical and Twisted Ring of Cold and Dense Molecular Clouds Revealed by Herschel Around the Galactic Center**

Molinari, S., Bally, J., Noriega-Crespo, A., Compiègne, M., Bernard, J.P., Paradis, D., Martin, P., **Testi, L.**, Barlow, M., Moore, T., Plume, R., Swinyard, B., Zavagno, A., Calzoletti, L., Di Giorgio, A.M., Elia, D., Faustini, F., Natoli, P., Pestalozzi, M., Pezzuto, S., Piacentini, F., Polenta, G., Polychroni, D., Schisano, E., Traficante, A., Veneziani, M., Battersby, C., Burton, M., Carey, S., Fukui, Y., Li, J.Z., Lord, S.D., Morgan, L., Motte, F., Schuller, F., Stringfellow, G.S., Tan, J.C., Thompson, M.A., Ward-Thompson, D., White, G., & Umana, G., 2011, ApJ, 735, L33 [\[ADS\]](#)

#### **FIR Measurements of Ly $\alpha$ Emitters at z**

Oteo, I., Bongiovanni, A., Pérez García, A.M., Cepa, J., Ederoclite, A., Sánchez-Portal, M., Pintos-Castro, I., Lutz, D., Berta, S., Le Floc'h, E., Magnelli, B., Popesso, P., Pozzi, F., Riguccini, L., Altieri, B., **Andreani, P.**, Aussel, H., Cimatti, A., Daddi, E., Elbaz, D., Förster Schreiber, N., Genzel, R., Maiolino, R., Poglitsch, A., Sturm, E., Tacconi, L., & Valtchanov, I., 2011, ApJ, 735, L15 [\[ADS\]](#)

#### **Imaging the circumstellar dust around AGB stars with PolCor**

Ramstedt, S., **Maercker, M.**, Olofsson, G., Olofsson, H., & Schöier, F.L., 2011, A&A, 531, 148 [\[ADS\]](#)

#### **The size distribution of Jupiter Family comet nuclei**

**Snodgrass, C.**, Fitzsimmons, A., Lowry, S.C., & Weissman, P., 2011, MNRAS, 414, 458 [\[ADS\]](#)

#### **High-resolution near-infrared spectra of NGC 6624 and 6569**

**Valenti, E.**, Origlia, L., & Rich, R.M., 2011, MNRAS, 414, 2690 [\[ADS\]](#)

### **Discovery of the new class I methanol maser transition at 23.4 GHz**

Voronkov, M.A., Walsh, A.J., Caswell, J.L., Ellingsen, S.P., Breen, S.L., **Longmore, S.N.**, Purcell, C.R., & Urquhart, J.S., 2011, MNRAS, 413, 2339 [\[ADS\]](#)

### **The NEWFIRM Medium-band Survey: Photometric Catalogs, Redshifts, and the Bimodal Color Distribution of Galaxies out to $z \sim 3$**

Whitaker, K.E., Labbé, I., van Dokkum, P.G., **Brammer, G.**, Kriek, M., Marchesini, D., Quadri, R.F., Franx, M., Muzzin, A., Williams, R.J., Bezanson, R., Illingworth, G.D., Lee, K.-S., Lundgren, B., Nelson, E.J., Rudnick, G., Tal, T., Wake, D.A., 2011, ApJ, 735, 86 [\[ADS\]](#)

### **The Chandra Deep Field-South Survey: 4 Ms Source Catalogs**

Xue, Y.Q., Luo, B., Brandt, W.N., Bauer, F.E., Lehmer, B.D., Broos, P.S., Schneider, D.P., Alexander, D.M., Brusa, M., Comastri, A., Fabian, A.C., Gilli, R., Hasinger, G., Hornschemeier, A.E., Koekemoer, A., Liu, T., **Mainieri, V.**, Paolillo, M., Rafferty, D.A., **Rosati, P.**, Shemmer, O., Silverman, J.D., Smail, I., Tozzi, P., & Vignali, C., 2011, ApJS, 195, 10 [\[ADS\]](#)

### **The ATLAS3D project - IV. The molecular gas content of early-type galaxies**

Young, L.M., Bureau, M., Davis, T.A., Combes, F., McDermid, R.M., Alatalo, K., Blitz, L., **Bois, M.**, Bournaud, F., Cappellari, M., Davies, R.L., **de Zeeuw, P.T.**, **Emsellem, E.**, Khochfar, S., **Krajnović, D.**, **Kuntschner, H.**, Lablanche, P.-Y., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Weijmans, A.-M., 2011, MNRAS, 414, 940 [\[ADS\]](#)

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