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Cosmology

[Deep observations of CO line emission from star-forming galaxies in a cluster candidate at \$z=1.5\$](#)

Aravena, M., Carilli, C.L., Salvato, M., Tanaka, M., Lentati, L., Schinnerer, E., Walter, F., Riechers, D., **Smolčić, V.**, Capak, P., Aussel, H., Bertoldi, F., Chapman, S.C., Farrah, D., Finoguenov, A., Le Floch, E., Lutz, D., Magdis, G., Oliver, S., Riguccini, L., Berta, S., Magnelli, B., & Pozzi, F., 2012, MNRAS, 426, 258 [[ADS](#)]

Instruments: VIMOS

[A tale of two tails and an off-centered envelope: diffuse light around the cD galaxy NGC 3311 in the Hydra I cluster](#)

Arnaboldi, M., Ventimiglia, G., Iodice, E., Gerhard, O., & **Coccatto, L.**, 2012, A&A, 545, 37 [[ADS](#)]

Instruments: FORS1, FORS2, WFI

[Determining the Hubble constant using giant extragalactic H II regions and H II galaxies](#)

Chávez, R., Terlevich, E., Terlevich, R., Plionis, M., Bresolin, F., Basilakos, S., & **Melnick, J.**, 2012, MNRAS, 425, L56 [[ADS](#)]

Instruments: UVES

[Herschel-PACS observations of \[O I\]63 \$\mu\text{m}\$ towards submillimetre galaxies at \$z \sim 1\$](#)

Coppin, K.E.K., Danielson, A.L.R., Geach, J.E., Hodge, J.A., Swinbank, A.M., Wardlow, J.L., Bertoldi, F., **Biggs, A.**, Brandt, W.N., Caselli, P., Chapman, S.C., Dannerbauer, H., Dunlop, J.S., Greve, T.R., Hamann, F., Ivison, R.J., Karim, A., Knudsen, K.K., Menten, K.M., Schinnerer, E., Smail, I., Spaans, M., Walter, F., Webb, T.M.A., & van der Werf, P.P., 2012, MNRAS, 427, 520 [[ADS](#)]

Instruments: FORS2, VIMOS, LABOCA, LABOCA, LABOCA, LABOCA

[Comparison of star formation rates from H \$\alpha\$ and infrared luminosity as seen by Herschel](#)

Domínguez Sánchez, H., Mignoli, M., Pozzi, F., Calura, F., Cimatti, A., Gruppioni, C., Cepa, J., Sánchez Portal, M., Zamorani, G., Berta, S., Elbaz, D., Le Floch, E., Granato, G.L., Lutz, D., Maiolino, R., Matteucci, F., Nair, P., Nordon, R., Pozzetti, L., Silva, L., Silverman, J., Wuyts, S., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fèvre, O., Lilly, S.J., **Mainieri, V.**, Renzini, A., Scodreggio, M., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Coppa, G., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Knobel, C., Kovač, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Magnelli, B., Pelló, R., Peng, Y., Perez-Montero, E., Ricciardelli, E., Riguccini, L., Tanaka, M., Tasca, L.A.M., Tresse, L., Vergani, D., Zucca, E., 2012, MNRAS, 426, 330 [[ADS](#)]

Instruments: VIMOS

[H \$\alpha\$ Equivalent Widths from the 3D-HST Survey: Evolution with Redshift and Dependence on Stellar Mass](#)

Fumagalli, M., Patel, S.G., Franx, M., **Brammer, G.**, van Dokkum, P., da Cunha, E., Kriek, M., Lundgren, B., Momcheva, I., Rix, H.-W., Schmidt, K.B., Skelton, R.E., Whitaker, K.E., Labbe, I., Nelson, E., 2012, ApJ, 757, L22 [[ADS](#)]

Instruments: VIMOS

[The slowly evolving role of environment in a spectroscopic survey of star formation in \$M^* > 5 \times 10^8 M_{\odot}\$ galaxies since \$z \sim 1\$](#)

Greene, C.R., Gilbank, D.G., Balogh, M.L., Glazebrook, K., Bower, R.G., Baldry, I.K., **Hau, G.K.T.**, Li, I.H., & McCarthy, P., 2012, MNRAS, 425, 1738 [[ADS](#)]

Instruments: FORS2

[A \$z \sim 3\$ radio galaxy and its protocluster: evidence for a superstructure?](#)

Kuiper, E., **Venemans, B.P.**, Hatch, N.A., Miley, G.K., & Röttgering, H.J.A., 2012, MNRAS, 425, 801 [[ADS](#)]

Instruments: FORS2

[Rapid Coeval Black Hole and Host Galaxy Growth in MRC 1138-262: The Hungry Spider](#)

Seymour, N., Altieri, B., **De Breuck, C.**, Barthel, P., Coia, D., Conversi, L., Dannerbauer, H., Dey, A., Dickinson, M., **Drouart, G.**, Galametz, A., Greve, T.R., Haas, M., Hatch, N., Ibar, E., Ivison, R., Jarvis, M., Kovács, A., Kurk, J., Lehnert, M., Miley, G., Nesvadba, N., Rawlings, J.I., Rettura, A., Röttgering, H., Rocca-Volmerange, B., Sánchez-Portal, M., Santos, J.S., Stern, D., Stevens, J., Valtchanov, I., **Vernet, J.**, & **Wylezalek, D.**, 2012, ApJ, 755, 146 [[ADS](#)]

Instruments: LABOCA, LABOCA

Galaxies and Galactic Nuclei

[Massive open star clusters using the VVV survey. I. Presentation of the data and description of the approach](#)

Chen, A.-N., Borissova, J., Clarke, J.R.A., Bonatto, C., Majaess, D.J., Moni Bidin, C., Sale, S.E., Mauro, F., Kurtev, R., Baume, G., Feinstein, C., **Ivanov, V.D.**, Geisler, D., Catelan, M., Minniti, D., Lucas, P., & de Grijs, R., Kumar, M.S.N., 2012, A&A, 545, 54 [[ADS](#)]

Instruments: SOFI, VIRCAM

[High angular resolution near-infrared integral field observations of young star cluster complexes in NGC 1365](#)

Galliano, E., **Kissler-Patig, M.**, Alloin, D., & Telles, E., 2012, A&A, 545, 10 [[ADS](#)]

Instruments: SINFONI, SPIFFI

[Silver and palladium help unveil the nature of a second r-process](#)

Hansen, C.J., **Primas, F.**, Hartman, H., Kratz, K.-L., Wanajo, S., **Leibundgut, B.**, Farouqi, K., Hallmann, O., Christlieb, N., Nilsson, H., 2012, A&A, 545, 31 [[ADS](#)]

Instruments: UVES, UVES, UVES, UVES, UVES, UVES, UVES, UVES, UVES, UVES, UVES, UVES, UVES, UVES, UVES

[Near-infrared spectroscopy of stellar populations in nearby spiral galaxies](#)

Kotilainen, J.K., Hyvönen, T., Reunanen, J., & **Ivanov, V.D.**, 2012, MNRAS, 425, 1057 [[ADS](#)]

Instruments: SOFI, SOFI

Interstellar Medium, Star Formation and Planetary Systems

[Characterisation of candidate members of \(136108\) Haumea's family. II. Follow-up observations](#)

Carry, B., **Snodgrass, C.**, Lacerda, P., **Hainaut, O.**, & **Dumas, C.**, 2012, A&A, 544, 137 [[ADS](#)]

Instruments: EFOSC2_3.6, HAWK-I, HAWK-I, HAWK-I, EFOSC2_NTT, EFOSC2_NTT

[New Brown Dwarf Companions to Young Stars in Scorpius-Centaurus](#)

Janson, M., Jayawardhana, R., **Girard, J.H.**, Lafrenière, D., Bonavita, M., Gizis, J., & Brandeker, A., 2012, ApJ, 758, L2 [[ADS](#)]

Instruments: NACO

[A search for pre-substellar cores and proto-brown dwarf candidates in Taurus: multiwavelength analysis in the B213-L1495 clouds](#)

Palau, A., **de Gregorio-Monsalvo, I.**, Morata, Ò., Stamatellos, D., Huélamo, N., Eiroa, C., **Bayo, A.**, Morales-Calderón, M., Bouy, H., Ribas, A., Asmus, D., & Barrado, D., 2012, MNRAS, 424, 2778 [[ADS](#)]

Instruments: LABOCA

[Search for giant planets in M 67. I. Overview](#)

Pasquini, L., Brucalassi, A., Ruiz, M.T., Bonifacio, P., Lovis, C., Saglia, R., **Melo, C.**, **Biazzo, K.**, Randich, S., & Bedin, L.R., 2012, A&A, 545, 139 [[ADS](#)]

Instruments: HARPS, HARPS, HARPS, HARPS

[Measuring the mass accretion rates of Herbig Ae/Be stars with X-shooter](#)

Pogodin, M.A., Hubrig, S., Yudin, R.V., **Schöller, M.**, González, J.F., & Stelzer, B., 2012, AN, 333, 594 [[ADS](#)]

Instruments: X-SHOOTER

[High-contrast imaging of the close environment of HD 142527. VLT/NaCo adaptive optics thermal and angular differential imaging](#)

Rameau, J., Chauvin, G., Lagrange, A.-M., Thébault, P., Milli, J., **Girard, J.H.**, Bonnefoy, M., 2012, A&A, 546, 24 [[ADS](#)]

Instruments: NACO

[Nijboer-Zernike phase retrieval for high contrast imaging. Principle, on-sky demonstration with NACO, and perspectives in vector vortex coronagraphy](#)

Riaud, P., **Mawet, D.**, & Magette, A., 2012, A&A, 545, 150 [[ADS](#)]

Instruments: NACO

[An HST Imaging Survey of Low-mass Stars in the Chamaeleon I Star-forming Region](#)

Robberto, M., Spina, L., Da Rio, N., Apai, D., Pascucci, I., Ricci, L., **Goddi, C.**, **Testi, L.**, Palla, F., & Bacciotti, F., 2012, AJ, 144, 83 [[ADS](#)]

Instruments: LABOCA

[Multiplicity of rapidly oscillating Ap stars](#)

Schöller, M., Correia, S., Hubrig, S., & Kurtz, D.W., 2012, A&A, 545, 38 [[ADS](#)]

Instruments: NACO, NACO

[Short-term variability of 10 trans-Neptunian objects](#)

Thirouin, A., Ortiz, J.L., Campo Bagatin, A., Pravec, P., Morales, N., **Hainaut, O.**, & Duffard, R., 2012, MNRAS, 424, 3156 [[ADS](#)]

Instruments: EFOSC2_NTT

[Ammonia from cold high-mass clumps discovered in the inner Galactic disk by the ATLASGAL survey](#)

Wienen, M., Wyrowski, F., **Schuller, F.**, Menten, K.M., Walmsley, C.M., Bronfman, L., & Motte, F., 2012, A&A, 544, 146 [[ADS](#)]

Instruments: LABOCA, LABOCA, LABOCA, LABOCA, LABOCA, LABOCA

Stellar Evolution

[The enigmatic central star of the planetary nebula PRTM 1](#)

Boffin, H.M.J., Miszalski, B., & **Jones, D.**, 2012, A&A, 545, 146 [[ADS](#)]

Instruments: FORS2, FLAMES-GIRAFFE

[Imaging Disk Distortion of Be Binary System \$\delta\$ Scorpii near Periastron](#)

Che, X., Monnier, J.D., Tycner, C., Kraus, S., Zavala, R.T., Baron, F., **Pedretti, E.**, ten Brummelaar, T., McAlister, H., Ridgway, S.T., Sturmman, J., Sturmman, L., & Turner, N., 2012, ApJ, 757, 29 [[ADS](#)]

Instruments: AMBER, AMBER

[The expanding dusty bipolar nebula around the nova V1280 Scorpii](#)

Chesneau, O., **Lagadec, E.**, Otulakowska-Hypka, M., Banerjee, D.P.K., Woodward, C.E., Harvey, E., Spang, A., Kervella, P., Millour, F., Nardetto, N., Ashok, N.M., Barlow, M.J., Bode, M., Evans, A., Lynch, D.K., O'Brien, T.J., Rudy, R.J., & Russell, R.W., 2012, A&A, 545, 63 [[ADS](#)]

Instruments: NACO, NACO, SINFONI, VISIR, VISIR, VISIR

[Rapid-response mode VLT/UVES spectroscopy of super iron-rich gas exposed to GRB 080310. Evidence of ionization in action and episodic star formation in the host](#)

De Cia, A., **Ledoux, C.**, **Fox, A.J.**, Vreeswijk, P.M., **Smette, A.**, Petitjean, P., Björnsson, G., Fynbo, J.P.U., Hjorth, J., & Jakobsson, P., 2012, A&A, 545, 64 [[ADS](#)]

Instruments: UVES

[The VLT-FLAMES Tarantula Survey. VI. Evidence for rotation of the young massive cluster R136](#)

Hénault-Brunet, V., Gieles, M., Evans, C.J., Sana, H., Bastian, N., Maíz Apellániz, J., Taylor, W.D., Markova, N., **Bressert, E.**, de Koter, A., & van Loon, J.T., 2012, A&A, 545, L1 [[ADS](#)]

Instruments: FLAMES-GIRAFFE

[The VLT-FLAMES Tarantula Survey. VII. A low velocity dispersion for the young massive cluster R136](#)

Hénault-Brunet, V., Evans, C.J., Sana, H., Gieles, M., Bastian, N., Maíz Apellániz, J., Markova, N., Taylor, W.D., **Bressert, E.**, Crowther, P.A., & van Loon, J.T., 2012, A&A, 546, 73 [[ADS](#)]

Instruments: FLAMES-UV, FLAMES-GIRAFFE

[Magnetic field detection in the bright A0-type supergiant HD 92207](#)

Hubrig, S., **Schöller, M.**, Kholtygin, A.F., González, J.F., Kharchenko, N.V., & Steffen, M., 2012, A&A, 546, L6 [[ADS](#)]

Instruments: FORS1, FORS2, FORS2, FEROS2.2

[The optical SN 2012bz associated with the long GRB 120422A](#)

Melandri, A., Pian, E., Ferrero, P., D'Elia, V., Walker, E.S., Ghirlanda, G., Covino, S., Amati, L., D'Avanzo, P., Mazzali, P.A., Della Valle, M., Guidorzi, C., Antonelli, L.A., Bernardini, M.G., Bersier, D., Bufano, F., Campana, S., Castro-Tirado, A.J., Chincarini, G., Deng, J., Filippenko, A.V., Fugazza, D., Ghisellini, G., Kouveliotou, C., Maeda, K., **Marconi, G.**, Masetti, N., Nomoto, K., Palazzi, E., **Patat, F.**, Piranomonte, S., Salvaterra, R., Saviane, I., Starling, R.L.C., Tagliaferri, G., Tanaka, M., & Vergani, S.D., 2012, A&A, 547, 82 [[ADS](#)]

Instruments: FORS2

[Stochastic gravito-inertial modes discovered by CoRoT in the hot Be star HD 51452](#)

Neiner, C., Floquet, M., Samadi, R., Espinosa Lara, F., Frémat, Y., Mathis, S., Leroy, B., de Batz, B., Rainer, M., Poretti, E., Mathias, P., Guarro Fló, J., Buil, C., Ribeiro, J., Alecian, E., Andrade, L., Briquet, M., Diago, P.D., Emilio, M., Fabregat, J., Gutiérrez-Soto, J., Hubert, A.-M., Janot-Pacheco, E., **Martayan, C.**, Semaan, T., Suso, J., Zorec, J., 2012, A&A, 546, 47 [[ADS](#)]

Instruments: HARPS

[Accurate classification of 29 objects detected in the 39 month Palermo Swift/BAT hard X-ray catalogue](#)

Parisi, P., Masetti, N., Jiménez-Bailón, E., Chavushyan, V., Palazzi, E., Landi, R., Malizia, A., Bassani, L., Bazzano, A., Bird, A.J., Charles, P.A., Galaz, G., **Mason, E.**, McBride, V.A., Minniti, D., Morelli, L., Schiavone, F., & Ubertini, P., 2012, A&A, 545, 101 [[ADS](#)]

Instruments: EFOSC2_NTT

[VLT Spectropolarimetry of the Type Ia SN 2005ke. A step towards understanding subluminous events](#)

Patat, F., Höflich, P., **Baade, D.**, Maund, J.R., Wang, L., & Wheeler, J.C., 2012, A&A, 545, 7 [[ADS](#)]

Instruments: FORS1, FORS1

Miscellaneous

[Probing the nuclear and circumnuclear activity of NGC 1365 in the infrared](#)

Alonso-Herrero, A., Sánchez-Portal, M., Ramos Almeida, C., Pereira-Santaella, M., Esquej, P., García-Burillo, S., Castillo, M., González-Martín, O., Levenson, N., **Hatziminaoglou, E.**, Acosta-Pulido, J.A., González-Serrano, J.I., Pović, M., Packham, C., & Pérez-García, A.M., 2012, MNRAS, 425, 311 [[ADS](#)]

Instruments: WFI

[An analysis of a preliminary ALMA Orion KL spectrum via the use of complete experimental spectra from the laboratory](#)

Fortman, S.M., McMillan, J.P., Neese, C.F., **Randall, S.K.**, Remijan, A.J., Wilson, T.L., & De Lucia, F.C., 2012, JMoSp, 280, 11 [[ADS](#)]

Instruments: ALMA_Bands, ALMA_Bands, ALMA_Bands, ALMA_Bands

[ALMA and VLA observations of recombination lines and continuum toward the Becklin-Neugebauer object in Orion](#)

Galván-Madrid, R., Goddi, C., & Rodríguez, L.F., 2012, A&A, 547, L3 [ADS]
Instruments: ALMA_Bands, ALMA_Bands, ALMA_Bands, ALMA_Bands

Papers without ESO data

Winds of change - a molecular outflow in NGC 1377?. The anatomy of an extreme FIR-excess galaxy

Aalto, S., Muller, S., Sakamoto, K., Gallagher, J.S., Martín, S., & Costagliola, F., 2012, A&A, 546, 68 [ADS]

Revealing a ring-like cluster complex in a tidal tail of the starburst galaxy NGC 2146

Adamo, A., Smith, L.J., Gallagher, J.S., Bastian, N., Ryon, J., Westmoquette, M.S., Konstantopoulos, I.S., Zackrisson, E., Larsen, S.S., Silva-Villa, E., Charlton, J.C., & Weisz, D.R., 2012, MNRAS, 426, 1185 [ADS]

Globular cluster systems in fossil groups: NGC 6482, NGC 1132, and ESO 306-017

Alamo-Martínez, K.A., West, M.J., Blakeslee, J.P., González-Lópezlira, R.A., Jordán, A., Gregg, M., Côté, P., Drinkwater, M.J., & van den Bergh, S., 2012, A&A, 546, 15 [ADS]

Extended soft X-ray emission in 3CR radio galaxies at $z < 0.3$: high excitation and broad line galaxies

Balmaverde, B., Capetti, A., Grandi, P., Torresi, E., Chiaberge, M., Rodríguez Zaurin, J., Tremblay, G.R., Axon, D.J., Baum, S.A., Giovannini, G., Kharb, P., Macchetto, F.D., O'Dea, C.P., & Sparks, W., 2012, A&A, 545, 143 [ADS]

Chemical tracers of high-metallicity environments

Bayet, E., Davis, T.A., Bell, T.A., & Viti, S., 2012, MNRAS, 424, 2646 [ADS]

Dynamical evolution of the Gliese 436 planetary system. Kozai migration as a potential source for Gliese 436b's eccentricity

Beust, H., Bonfils, X., Montagnier, G., Delfosse, X., & Forveille, T., 2012, A&A, 545, 88 [ADS]

The GALEX Ultraviolet Virgo Cluster Survey (GUViCS). II. Constraints on star formation in ram-pressure stripped gas

Boissier, S., Boselli, A., Duc, P.-A., Cortese, L., van Driel, W., Heinis, S., Voyer, E., Cucciati, O., Ferrarese, L., Côté, P., Cuillandre, J.-C., Gwyn, S.D.J., Mei, S., 2012, A&A, 545, 142 [ADS]

Investigation of variable star candidates in the globular cluster NGC 5024 (M53)

Bramich, D.M., Arellano Ferro, A., Jaimes, R.F., & Giridhar, S., 2012, MNRAS, 424, 2722 [ADS]

3D-HST Grism Spectroscopy of a Gravitationally Lensed, Low-metallicity Starburst Galaxy at $z = 1.847$

Brammer, G.B., Sánchez-Janssen, R., Labbé, I., da Cunha, E., Erb, D.K., Franx, M., Fumagalli, M., Lundgren, B., Marchesini, D., Momcheva, I., Nelson, E., Patel, S., Quadri, R., Rix, H.-W., Skelton, R.E., Schmidt, K.B., van der Wel, A., van Dokkum, P.G., Wake, D.A., Whitaker, K.E., 2012, ApJ, 758, L17 [ADS]

How to Find Young Massive Cluster Progenitors

Bressert, E., Ginsburg, A., Bally, J., Battersby, C., Longmore, S., & Testi, L., 2012, ApJ, 758, L28 [ADS]

A Detailed Gravitational Lens Model Based on Submillimeter Array and Keck Adaptive Optics Imaging of a Herschel-ATLAS Submillimeter Galaxy at $z = 4.243$

Bussmann, R.S., Gurwell, M.A., Fu, H., Smith, D.J.B., Dye, S., Auld, R., Baes, M., Baker, A.J., Bonfield, D., Cava, A., Clements, D.L., Cooray, A., Coppin, K., Dannerbauer, H., Dariush, A., De Zotti, G., Dunne, L., Eales, S., Fritz, J., Hopwood, R., Ibar, E., Ivison, R.J., Jarvis, M.J., Kim, S., Leeuw, L.L., Maddox, S., Michałowski, M.J., Negrello, M., Pascale, E., Pohlen, M., Riechers, D.A., Rigby, E., Scott, D., Temi, P., Van der Werf, P.P., Wardlow, J., Wilner, D., & Verma, A., 2012, ApJ, 756, 134 [ADS]

A New Type of Ambiguity in the Planet and Binary Interpretations of Central Perturbations of High-magnification Gravitational Microlensing Events

Choi, J.-Y., Shin, I.-G., Han, C., Udalski, A., Sumi, T., Gould, A., Bozza, V., Dominik, M., Fouqué, P., Horne, K., Szymański, M.K., Kubiak, M., Soszyński, I., Pietrzyński, G., Poleski, R., Ulaczyk, K., Pietrukowicz, P., Kozłowski, S., Skowron, J., Wyrzykowski, Ł., The OGLE Collaboration, T.O.C., Abe, F., Bennett, D.P., Bond, I.A., Botzler, C.S., Chote, P., Freeman, M., Fukui, A., Furusawa, K., Itow, Y., Kobara, S., Ling, C.H., Masuda, K., Matsubara, Y., Miyake, N., Muraki, Y., Ohmori, K., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Suzuki, D., Suzuki, K., Sweatman, W.L., Takino, S., Tristram, P.J., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Bramich, D.M., Snodgrass, C., Steele, I.A., Street, R.A., Tsapras, Y., The RoboNet Collaboration, T.R.C., Alsubai, K.A., Browne, P., Burgdorf, M.J., Calchi Novati, S., Dodds, P., Dreizler, S., Fang, X.-S., Grundahl, F., Gu, C.-H., Hardis, S., Harpsøe, K., Hinse, T.C., Hornstrup, A., Hundertmark, M., Jessen-Hansen, J., Jørgensen, U.G., Kains, N., Kerins, E., Liebig, C., Lund, M., Lunkkivist, M., Mancini, L., Mathiasen, M., Penny, M.T., Rahvar, S., Ricci, D., Scarpetta, G., Skottfelt, J., Southworth, J., Surdej, J., Tregloan-Reed, J., Wambsgans, J., Wertz, O., MiNDSTEp Consortium, T., Almeida, L.A., Batista, V., Christie, G., DePoy, D.L., Dong, S., Gaudi, B.S., Henderson, C., Jablonski, F., Lee, C.-U., McCormick, J., McGregor, D., Moorhouse, D., Natusch, T., Ngan, H., Pogge, R.W., Tan, T.-G., Thornley, G., Yee, J.C., The μ FUN Collaboration, T. μ .C., Albrow, M.D., Bachelet, E., Beaulieu, J.-P., Brilliant, S., Cassan, A., Cole, A.A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Greenhill, J., Kubas, D., Marquette, J.-B., Menzies, J.W., Sahu, K.C., Zub, M., The PLANET Collaboration, T.P.C., 2012, ApJ, 756, 48 [ADS]

Galaxy And Mass Assembly (GAMA): colour- and luminosity-dependent clustering from calibrated photometric redshifts

Christodoulou, L., Eminian, C., Loveday, J., Norberg, P., Baldry, I.K., Hurley, P.D., Driver, S.P., Bamford, S.P., Hopkins, A.M., **Liske, J.**, Peacock, J.A., Bland-Hawthorn, J., Brough, S., Cameron, E., Conselice, C.J., Croom, S.M., Frenk, C.S., Gunawardhana, M., Jones, D.H., Kelvin, L.S., Kuijken, K., Nichol, R.C., Parkinson, H., Pimblet, K.A., Popescu, C.C., Prescott, M., Robotham, A.S.G., Sharp, R.G., Sutherland, W.J., Taylor, E.N., Thomas, D., Tuffs, R.J., **van Kampen, E.**, & Wijesinghe, D., 2012, MNRAS, 425, 1527 [[ADS](#)]

CLASH: Precise New Constraints on the Mass Profile of the Galaxy Cluster A2261

Coe, D., Umetsu, K., Zitrin, A., Donahue, M., Medezinski, E., Postman, M., **Carrasco, M.**, Anguita, T., Geller, M.J., Rines, K.J., Diaferio, A., Kurtz, M.J., Bradley, L., Koekemoer, A., Zheng, W., Nonino, M., Molino, A., Mahdavi, A., Lemze, D., Infante, L., Ogaz, S., Melchior, P., Host, O., Ford, H., Grillo, C., **Rosati, P.**, Jiménez-Teja, Y., Moustakas, J., Broadhurst, T., Ascaso, B., Lahav, O., Bartelmann, M., Benítez, N., Bouwens, R., Graur, O., Graves, G., Jha, S., Jouvel, S., Kelson, D., Moustakas, L., Maoz, D., Meneghetti, M., Merten, J., Riess, A., Rodney, S., & Seitz, S., 2012, ApJ, 757, 22 [[ADS](#)]

The GALEX view of the Herschel Reference Survey. Ultraviolet structural properties of nearby galaxies

Cortese, L., Boissier, S., Boselli, A., Bendo, G.J., Buat, V., Davies, J.I., Eales, S., Heinis, S., Isaak, K.G., & Madden, S.C., 2012, A&A, 544, 101 [[ADS](#)]

Fundamental properties of the Population II fiducial stars HD 122563 and Gmb 1830 from CHARA interferometric observations

Creevey, O.L., Thévenin, F., Boyajian, T.S., Kervella, P., Chiavassa, A., Bigot, L., **Mérand, A.**, Heiter, U., Morel, P., Pichon, B., Mc Alister, H.A., ten Brummelaar, T.A., Collet, R., van Belle, G.T., Coudé du Foresto, V., Farrington, C., Goldfinger, P.J., Sturmann, J., Sturmann, L., & Turner, N., 2012, A&A, 545, 17 [[ADS](#)]

Precision engineering for astronomy: historical origins and the future revolution in ground-based astronomy

Cunningham, C., & **Russell, A.**, 2012, RSPTA, 370, 3852 [[ADS](#)]

Adaptive Optics for Astronomy

Davies, R., & **Kasper, M.**, 2012, ARA&A, 50, 305 [[ADS](#)]

Gemini GMOS and WHT SAURON integral-field spectrograph observations of the AGN-driven outflow in NGC 1266

Davis, T.A., **Krajnović, D.**, McDermid, R.M., Bureau, M., Sarzi, M., Nyland, K., Alatalo, K., Bayet, E., Blitz, L., Bois, M., Bournaud, F., Cappellari, M., Crocker, A., Davies, R.L., **de Zeeuw, P.T.**, Duc, P.-A., **Emsellem, E.**, Khochfar, S., **Kuntschner, H.**, **Lablanche, P.-Y.**, Morganti, R., Naab, T., Oosterloo, T., Scott, N., Serra, P., Weijmans, A.-M., Young, L.M., 2012, MNRAS, 426, 1574 [[ADS](#)]

Quadruple-peaked spectral line profiles as a tool to constrain gravitational potential of shell galaxies

Ebrova, I., **Jilkova, L.**, Jungwiert, B., Krizek, M., Bilek, M., Bartoskova, K., Skalicka, T., & Stoklasova, I., 2012, A&A, 545, 33 [[ADS](#)]

Spectral Energy Distributions of Type 1 Active Galactic Nuclei in the COSMOS Survey. I. The XMM-COSMOS

Sample

Elvis, M., Hao, H., Civano, F., Brusa, M., Salvato, M., Bongiorno, A., Capak, P., Zamorani, G., Comastri, A., Jahnke, K., Lusso, E., **Mainieri, V.**, Trump, J.R., Ho, L.C., Aussel, H., Cappelluti, N., Cisternas, M., Frayer, D., Gilli, R., Hasinger, G., Huchra, J.P., Impey, C.D., Koekemoer, A.M., Lanzuisi, G., Le Floch, E., Lilly, S.J., Liu, Y., McCarthy, P., McCracken, H.J., Merloni, A., Roeser, H.-J., Sanders, D.B., Sargent, M., Scoville, N., Schinnerer, E., Schiminovich, D., Silverman, J., Taniguchi, Y., Vignali, C., Urry, C.M., Zamojski, M.A., Zatloukal, M., 2012, ApJ, 759, 6 [[ADS](#)]

Smooth and clumpy dust distributions in AGN: a direct comparison of two commonly explored infrared emission models

Feltre, A., **Hatziminaoglou, E.**, Fritz, J., & Franceschini, A., 2012, MNRAS, 426, 120 [[ADS](#)]

Radially extended kinematics in the S0 galaxy NGC 2768 from planetary nebulae, globular clusters and starlight

Forbes, D.A., Cortesi, A., Pota, V., **Foster, C.**, Romanowsky, A.J., Merrifield, M.R., Brodie, J.P., Strader, J., **Coccatto, L.**, & Napolitano, N., 2012, MNRAS, 426, 975 [[ADS](#)]

The Habitability and Detection of Earth-like Planets Orbiting Cool White Dwarfs

Fossati, L., Bagnulo, S., Haswell, C.A., Patel, M.R., Bussttil, R., Kowalski, P.M., Shulyak, D.V., & **Sterzik, M.F.**, 2012, ApJ, 757, L15 [[ADS](#)]

The Herschel Exploitation of Local Galaxy Andromeda (HELGA). I. Global far-infrared and sub-mm morphology

Fritz, J., Gentile, G., Smith, M.W.L., Gear, W.K., Braun, R., Duval, J.R., Bendo, G.J., Baes, M., Eales, S.A., Verstappen, J., Blommaert, J.A.D.L., Boquien, M., Boselli, A., Clements, D., Cooray, A.R., **Cortese, L.**, De Looze, I., Ford, G.P., Galliano, F., Gomez, H.L., Gordon, K.D., Lebouteiller, V., O'Halloran, B., Kirk, J., Madden, S.C., Page, M.J., Remy, A., Roussel, H., Spinoglio, L., Thilker, D., Vaccari, M., Wilson, C.D., & Waelkens, C., 2012, A&A, 546, 34 [[ADS](#)]

The Unique Na:O Abundance Distribution in NGC 6791: The First Open(?) Cluster with Multiple Populations

Geisler, D., Villanova, S., **Carraro, G.**, Pilachowski, C., Cummings, J., Johnson, C.I., & Bresolin, F., 2012, ApJ, 756, L40 [[ADS](#)]

There are No Starless Massive Proto-clusters in the First Quadrant of the Galaxy

Ginsburg, A., **Bressert, E.**, Bally, J., & Battersby, C., 2012, ApJ, 758, L29 [[ADS](#)]

GRIPS - Gamma-Ray Imaging, Polarimetry and Spectroscopy

Greiner, J., Mannheim, K., Aharonian, F., Ajello, M., Balasz, L.G., Barbiellini, G., Bellazzini, R., Bishop, S., Bisnovatij-Kogan,

G.S., Boggs, S., Bykov, A., DiCocco, G., Diehl, R., Elsässer, D., Foley, S., Fransson, C., Gehrels, N., Hanlon, L., Hartmann, D., Hermsen, W., Hillebrandt, W., Hudec, R., Iyudin, A., Jose, J., Kadler, M., Kanbach, G., Klamra, W., Kiener, J., Kloze, S., Kreykenbohm, I., Kuiper, L.M., Kylafis, N., Labanti, C., Langanke, K., Langer, N., Larsson, S., **Leibundgut, B.**, Laux, U., Longo, F., Maeda, K., Marcinkowski, R., Marisaldi, M., McBreen, B., McBreen, S., Meszaros, A., Nomoto, K., Pearce, M., Peer, A., Pian, E., Prantzos, N., Raffelt, G., Reimer, O., Rhode, W., Ryde, F., Schmidt, C., Silk, J., Shustov, B.M., Strong, A., Tanvir, N., Thielemann, F.-K., Tibolla, O., Tierney, D., Trümper, J., Varshalovich, D.A., Wilms, J., Wrochna, G., Zdziarski, A., Zoglauer, A., 2012, ExA, 34, 551 [[ADS](#)]

Gas-bearing Early-type Dwarf Galaxies in Virgo: Evidence for Recent Accretion

Hallenbeck, G., Papastergis, E., Huang, S., Haynes, M.P., Giovanelli, R., Boselli, A., Boissier, S., Heinis, S., **Cortese, L.**, & Fabello, S., 2012, AJ, 144, 87 [[ADS](#)]

Star Formation and AGN Activity in Galaxies Classified Using the 1.6 μ m Bump and PAH Features at $z = 0.4$ -2

Hanami, H., Ishigaki, T., Fujishiro, N., Nakanishi, K., Miyaji, T., **Krumpe, M.**, Umetsu, K., Ohyama, Y., Shim, H., Im, M., Lee, H.M., Lee, M.G., Serjeant, S., White, G.J., Willmer, C.N., Goto, T., Oyabu, S., Takagi, T., Wada, T., & Matsuhara, H., 2012, PASJ, 64, 70 [[ADS](#)]

Dynamical Evolution of Viscous Disks around Be Stars. I. Photometry

Haubois, X., Carciofi, A.C., **Rivinius, T.**, Okazaki, A.T., & Bjorkman, J.E., 2012, ApJ, 756, 156 [[ADS](#)]

The XMM Cluster Survey: evidence for energy injection at high redshift from evolution of the X-ray luminosity-temperature relation

Hilton, M., Romer, A.K., Kay, S.T., Mehtens, N., Lloyd-Davies, E.J., Thomas, P.A., Short, C.J., Mayers, J.A., Rooney, P.J., Stott, J.P., Collins, C.A., Harrison, C.D., Hoyle, B., Liddle, A.R., Mann, R.G., Miller, C.J., Sahlén, M., Viana, P.T.P., Davidson, M., Hosmer, M., Nichol, R.C., Sabirli, K., Stanford, S.A., & **West, M.J.**, 2012, MNRAS, 424, 2086 [[ADS](#)]

Gas-rich mergers and feedback are ubiquitous amongst starbursting radio galaxies, as revealed by the VLA, IRAM PdBI and Herschel

Ivison, R.J., Smail, I., Amblard, A., Arumugam, V., **De Breuck, C.**, Emonts, B.H.C., Feain, I., Greve, T.R., Haas, M., Ibar, E., Jarvis, M.J., Kovács, A., Lehnert, M.D., Nesvadba, N.P.H., Röttgering, H.J.A., Seymour, N., & **Wylezalek, D.**, 2012, MNRAS, 425, 1320 [[ADS](#)]

The XMM deep survey in the CDF-S. II. A 9-20 keV selection of heavily obscured active galaxies at $z > 1.7$

Iwasawa, K., Gilli, R., Vignali, C., Comastri, A., Brandt, W.N., Ranalli, P., Vito, F., Cappelluti, N., Carrera, F.J., Falocco, S., Georgantopoulos, I., **Mainieri, V.**, & Paolillo, M., 2012, A&A, 546, 84 [[ADS](#)]

The progenitor mass of the Type IIP supernova SN 2004et from late-time spectral modeling

Jerkstrand, A., Fransson, C., Maguire, K., Smartt, S., Ergon, M., & **Spyromilio, J.**, 2012, A&A, 546, 28 [[ADS](#)]

GOODS-Herschel and CANDELS: The Morphologies of Ultraluminous Infrared Galaxies at $z \sim 2$

Kartaltepe, J.S., Dickinson, M., Alexander, D.M., Bell, E.F., Dahlen, T., **Elbaz, D.**, Faber, S.M., Lotz, J., McIntosh, D.H., **Wiklind, T.**, Altieri, B., Aussel, H., Bethermin, M., Bournaud, F., Charmandaris, V., Conselice, C.J., Cooray, A., Dannerbauer, H., Davé, R., Dunlop, J., Dekel, A., Ferguson, H.C., Grogin, N.A., Hwang, H.S., Ivison, R., Kocevski, D., Koekemoer, A., Koo, D.C., Lai, K., Leiton, R., Lucas, R.A., Lutz, D., Magdis, G., Magnelli, B., Morrison, G., Mozena, M., Mullaney, J., Newman, J.A., Pope, A., Popesso, P., van der Wel, A., Weiner, B., & Wuyts, S., 2012, ApJ, 757, 23 [[ADS](#)]

Star Formation in the Milky Way and Nearby Galaxies

Kennicutt, R.C., & **Evans, N.J.**, 2012, ARA&A, 50, 531 [[ADS](#)]

Comparison of the scintillation noise above different observatories measured with MASS instruments

Kornilov, V., **Sarazin, M.**, Tokovinin, A., Travouillon, T., & Voziakova, O., 2012, A&A, 546, 41 [[ADS](#)]

TAPAS, a VO archive at the IRAM 30-m telescope

Leon, S., Espigares, V., Ruíz, J.E., Verdes-Montenegro, L., **Mauersberger, R.**, Brunswig, W., Kramer, C., Santander-Vela, J.d.D., & Wiesemeyer, H., 2012, ExA, 34, 65 [[ADS](#)]

Bolometric luminosities and Eddington ratios of X-ray selected active galactic nuclei in the XMM-COSMOS survey

Lusso, E., Comastri, A., Simmons, B.D., Mignoli, M., Zamorani, G., Vignali, C., Brusa, M., Shankar, F., Lutz, D., Trump, J.R., Maiolino, R., Gilli, R., Bolzonella, M., Puccetti, S., Salvato, M., Impey, C.D., Civano, F., Elvis, M., **Mainieri, V.**, Silverman, J.D., Koekemoer, A.M., Bongiorno, A., Merloni, A., Berta, S., Le Floch, E., Magnelli, B., Pozzi, F., & Riguccini, L., 2012, MNRAS, 425, 623 [[ADS](#)]

Hubble Space Telescope Measures of Mass Accretion Rates in the Orion Nebula Cluster

Manara, C.F., Robberto, M., Da Rio, N., Lodato, G., Hillenbrand, L.A., Stassun, K.G., & Soderblom, D.R., 2012, ApJ, 755, 154 [[ADS](#)]

High-resolution Reddening Map in the Direction of the Stellar System Terzan 5

Massari, D., Mucciarelli, A., Dalessandro, E., Ferraro, F.R., Origlia, L., Lanzoni, B., **Beccari, G.**, Rich, R.M., **Valenti, E.**, & Ransom, S.M., 2012, ApJ, 755, L32 [[ADS](#)]

The Spitzer Extragalactic Representative Volume Survey (SERVS): Survey Definition and Goals

Mauduit, J.-C., Lacy, M., Farrah, D., Surace, J.A., Jarvis, M., Oliver, S., Maraston, C., Vaccari, M., Marchetti, L., Zeimann, G., González-Solares, E.A., Pforr, J., Petric, A.O., Henriques, B., Thomas, P.A., Afonso, J., Rettura, A., Wilson, G., Falder, J.T.,

Geach, J.E., Huynh, M., Norris, R.P., Seymour, N., Richards, G.T., Stanford, S.A., Alexander, D.M., Becker, R.H., Best, P.N., Bizzocchi, L., Bonfield, D., Castro, N., Cava, A., Chapman, S., Christopher, N., Clements, D.L., Covone, G., Dubois, N., Dunlop, J.S., Dyke, E., Edge, A., Ferguson, H.C., Foucaud, S., Franceschini, A., Gal, R.R., Grant, J.K., Grossi, M., **Hatziminaoglou, E.**, Hickey, S., Hodge, J.A., Huang, J.-S., Ivison, R.J., Kim, M., LeFevre, O., Lehnert, M., Lonsdale, C.J., Lubin, L.M., McLure, R.J., Messias, H., Martínez-Sansigre, A., Mortier, A.M.J., Nielsen, D.M., Ouchi, M., Parish, G., Perez-Fournon, I., Pierre, M., Rawlings, S., Readhead, A., Ridgway, S.E., Rigopoulou, D., Romer, A.K., Rosebloom, I.G., Rottgering, H.J.A., Rowan-Robinson, M., Sajina, A., Simpson, C.J., Smail, I., Squires, G.K., Stevens, J.A., Taylor, R., Trichas, M., Urrutia, T., van Kampen, E., Verma, A., Xu, C.K., 2012, *PASP*, 124, 714 [[ADS](#)]

Ionized gas diagnostics from protoplanetary discs in the Orion nebula and the abundance discrepancy problem

Mesa-Delgado, A., Núñez-Díaz, M., Esteban, C., García-Rojas, J., Flores-Fajardo, N., López-Martín, L., **Tsamis, Y.G.**, & Henney, W.J., 2012, *MNRAS*, 426, 614 [[ADS](#)]

Impact of angular differential imaging on circumstellar disk images

Milli, J., Mouillet, D., Lagrange, A.-M., Boccaletti, A., **Mawet, D.**, Chauvin, G., Bonnefoy, M., 2012, *A&A*, 545, 111 [[ADS](#)]

The Herschel Multi-tiered Extragalactic Survey: HerMES

Oliver, S.J., Bock, J., Altieri, B., Amblard, A., Arumugam, V., Aussel, H., Babbedge, T., Beelen, A., Béthermin, M., Blain, A., Boselli, A., Bridge, C., Brisbin, D., Buat, V., Burgarella, D., Castro-Rodríguez, N., Cava, A., Chanical, P., Cirasuolo, M., Clements, D.L., Conley, A., Conversi, L., Cooray, A., Dowell, C.D., Dubois, E.N., Dwek, E., Dye, S., Eales, S., Elbaz, D., Farrah, D., Feltre, A., Ferrero, P., Fiolet, N., Fox, M., Franceschini, A., Gear, W., Giovannoli, E., Glenn, J., Gong, Y., González Solares, E.A., Griffin, A., Halpern, M., Harwit, M., **Hatziminaoglou, E.**, Heinis, S., Hurley, P., Hwang, H.S., Hyde, A., Ibar, E., Ilbert, O., Isaak, K., Ivison, R.J., Lagache, G., Le Floch, E., Levenson, L., Faro, B.L., Lu, N., Madden, S., Maffei, B., Magdis, G., Mainetti, G., Marchetti, L., Marsden, G., Marshall, J., Mortier, A.M.J., Nguyen, H.T., O'Halloran, B., Omont, A., Page, M.J., Panuzzo, P., Papageorgiou, A., Patel, H., Pearson, C.P., Pérez-Fournon, I., Pohlen, M., Rawlings, J.I., Raymond, G., Rigopoulou, D., Riguccini, L., Rizzo, D., Rodighiero, G., Roseboom, I.G., Rowan-Robinson, M., Sánchez Portal, M., Schulz, B., Scott, D., Seymour, N., Shupe, D.L., Smith, A.J., Stevens, J.A., Symeonidis, M., Trichas, M., Tugwell, K.E., Vaccari, M., Valtchanov, I., Vieira, J.D., Viero, M., Vigroux, L., Wang, L., Ward, R., Wardlow, J., Wright, G., Xu, C.K., & Zemcov, M., 2012, *MNRAS*, 424, 1614 [[ADS](#)]

The Herschel Virgo Cluster Survey. XI. Environmental effects on molecular gas and dust in spiral disks

Pappalardo, C., Bianchi, S., Corbelli, E., Giovanardi, C., Hunt, L., Bendo, G.J., Boselli, A., **Cortese, L.**, Magrini, L., Zibetti, S., di Serego Alighieri, S., Davies, J., Baes, M., Ciesla, L., Clemens, M., De Looze, I., Fritz, J., Grossi, M., Pohlen, M., Smith, M.W.L., Verstappen, J., & **Vlahakis, C.**, 2012, *A&A*, 545, 75 [[ADS](#)]

Understanding hydrogen recombination line observations with ALMA and EVLA

Peters, T., **Longmore, S.N.**, & Dullemond, C.P., 2012, *MNRAS*, 425, 2352 [[ADS](#)]

Herschel/PACS observations of young sources in Taurus: the far-infrared counterpart of optical jets

Podio, L., Kamp, I., Flower, D., Howard, C., Sandell, G., Mora, A., Aresu, G., Brittain, S., **Dent, W.R.F.**, Pinte, C., & White, G.J., 2012, *A&A*, 545, 44 [[ADS](#)]

The H₂O Southern Galactic Plane Survey: NH₃ (1,1) and (2,2) catalogues

Purcell, C.R., **Longmore, S.N.**, Walsh, A.J., Whiting, M.T., Breen, S.L., Britton, T., Brooks, K.J., Burton, M.G., Cunningham, M.R., Green, J.A., Harvey-Smith, L., Hindson, L., Hoare, M.G., Indermuehle, B., Jones, P.A., Lo, N., Lowe, V., Phillips, C.J., Thompson, M.A., Urquhart, J.S., Voronkov, M.A., & White, G.L., 2012, *MNRAS*, 426, 1972 [[ADS](#)]

Instantaneous phase retrieval with the vector vortex coronagraph. Theoretical and optical implementation

Riaud, P., **Mawet, D.**, & Margette, A., 2012, *A&A*, 545, 151 [[ADS](#)]

Fragmentation in the massive star-forming region IRAS 19410+2336

Rodón, J.A., Beuther, H., & Schilke, P., 2012, *A&A*, 545, 51 [[ADS](#)]

The mean star formation rate of X-ray selected active galaxies and its evolution from $z \sim 2.5$: results from PEP-Herschel

Rosario, D.J., Santini, P., Lutz, D., Shao, L., Maiolino, R., Alexander, D.M., Altieri, B., **Andreani, P.**, Aussel, H., Bauer, F.E., Berta, S., Bongiovanni, A., Brandt, W.N., Brusa, M., Cepa, J., Cimatti, A., Cox, T.J., Daddi, E., Elbaz, D., Fontana, A., Förster Schreiber, N.M., Genzel, R., Grazian, A., Le Floch, E., Magnelli, B., **Mainieri, V.**, Netzer, H., Nordon, R., Pérez Garcia, I., Poglitsch, A., Popesso, P., Pozzi, F., Riguccini, L., Rodighiero, G., Salvato, M., Sanchez-Portal, M., Sturm, E., Tacconi, L.J., Valtchanov, I., & Wuyts, S., 2012, *A&A*, 545, 45 [[ADS](#)]

The AMIGA sample of isolated galaxies. XI. Optical characterisation of nuclear activity

Sabater, J., Verdes-Montenegro, L., **Leon, S.**, Best, P., & Sulentic, J., 2012, *A&A*, 545, 15 [[ADS](#)]

Globular cluster systems as tracers of environmental effects on Virgo early-type dwarfs

Sánchez-Janssen, R., & Aguerri, J.A.L., 2012, *MNRAS*, 424, 2614 [[ADS](#)]

Comprehensive Observations of the Ultraviolet Spectrum and Improved Energy Levels for Singly Ionized Chromium (Cr II)

Sansonetti, C.J., Nave, G., Reader, J., & **Kerber, F.**, 2012, *ApJS*, 202, 15 [[ADS](#)]

The Milky Way Project First Data Release: a bubblier Galactic disc

Simpson, R.J., Povich, M.S., Kendrew, S., Lintott, C.J., **Bressert, E.**, Arvidsson, K., Cyganowski, C., Maddison, S., Schawinski, K., Sherman, R., Smith, A.M., & Wolf-Chase, G., 2012, *MNRAS*, 424, 2442 [[ADS](#)]

The Herschel Exploitation of Local Galaxy Andromeda (HELGA). II. Dust and Gas in Andromeda

Smith, M.W.L., Eales, S.A., Gomez, H.L., Roman-Duval, J., Fritz, J., Braun, R., Baes, M., Bendo, G.J., Blommaert, J.A.D.L., Boquien, M., Boselli, A., Clements, D.L., Cooray, A.R., **Cortese, L.**, de Looze, I., Ford, G.P., Gear, W.K., Gentile, G., Gordon, K.D., Kirk, J., Leboutteiller, V., Madden, S., Mentuch, E., O'Halloran, B., Page, M.J., Schulz, B., Spinoglio, L., Verstappen, J., Wilson, C.D., & Thilker, D.A., 2012, ApJ, 756, 40 [[ADS](#)]

High-precision photometry by telescope defocusing - IV. Confirmation of the huge radius of WASP-17 b

Southworth, J., Hinse, T.C., Dominik, M., Fang, X.-S., Harpsøe, K., Jørgensen, U.G., Kerins, E., Liebig, C., Mancini, L., Skottfelt, J., Anderson, D.R., Smalley, B., Tregloan-Reed, J., Wertz, O., Alsubai, K.A., Bozza, V., Calchi Novati, S., Dreizler, S., Gu, S.-H., Hundertmark, M., Jessen-Hansen, J., **Kains, N.**, Kjeldsen, H., Lund, M.N., Lundkvist, M., Mathiasen, M., Penny, M.T., Rahvar, S., Ricci, D., Scarpetta, G., Snodgrass, C., Surdej, J., 2012, MNRAS, 426, 1338 [[ADS](#)]

Searching for planetary-mass T-dwarfs in the core of Serpens

Spezzi, L., Alves de Oliveira, C., Moraux, E., Bouvier, J., Winston, E., Hudelot, P., Bouy, H., & Cuillandre, J.-C., 2012, A&A, 545, 105 [[ADS](#)]

Type Ia supernova host galaxies as seen with IFU spectroscopy

Stanishev, V., **Rodrigues, M.**, Mourão, A., & Flores, H., 2012, A&A, 545, 58 [[ADS](#)]

The SLUGGS survey: calcium triplet-based spectroscopic metallicities for over 900 globular clusters

Usher, C., Forbes, D.A., Brodie, J.P., **Foster, C.**, Spitler, L.R., Arnold, J.A., Romanowsky, A.J., Strader, J., & Pota, V., 2012, MNRAS, 426, 1475 [[ADS](#)]

PUCHEROS: a cost-effective solution for high-resolution spectroscopy with small telescopes

Vanzi, L., Chacon, J., Helminiak, K.G., Baffico, M., **Rivinius, T.**, **Stefl, S.**, **Baade, D.**, **Avila, G.**, & **Guirao, C.**, 2012, MNRAS, 424, 2770 [[ADS](#)]

European Extremely Large Telescope Site Characterization. II. High Angular Resolution Parameters

Vázquez Ramió, H., Vernin, J., Muñoz-Tuñón, C., **Sarazin, M.**, Varela, A.M., Trinquet, H., Delgado, J.M., Fuensalida, J.J., Reyes, M., Benhida, A., Benkhaldoun, Z., Lambas, D.G., Hach, Y., Lazrek, M., **Lombardi, G.**, **Navarrete, J.**, Recabarren, P., Renzi, V., Sabil, M., & Vrech, R., 2012, PASP, 124, 868 [[ADS](#)]

The JCMT Nearby Galaxies Legacy Survey - VIII. CO data and the LCO(3-2)-LFIR correlation in the SINGS sample

Wilson, C.D., Warren, B.E., Israel, F.P., Serjeant, S., Attewell, D., Bendo, G.J., Butner, H.M., Chianal, P., Clements, D.L., Golding, J., Heesen, V., Irwin, J., Leech, J., Matthews, H.E., Mühle, S., Mortier, A.M.J., Petitpas, G., Sánchez-Gallego, J.R., Sinukoff, E., Shorten, K., Tan, B.K., Tilanus, R.P.J., Usero, A., Vaccari, M., Wiegert, T., Zhu, M., Alexander, D.M., Alexander, P., Azimlu, M., Barmby, P., Brar, R., Bridge, C., Brinks, E., Brooks, S., Coppin, K., Côté, S., Côté, P., Courteau, S., Davies, J., Eales, S., Fich, M., Hudson, M., Hughes, D.H., Ivison, R.J., Knapen, J.H., Page, M., Parkin, T.J., Rigopoulou, D., Rosolowsky, E., Seaquist, E.R., Spekkens, K., Tanvir, N., van der Hulst, J.M., van der Werf, P., **Vlahakis, C.**, Webb, T.M., Weferling, B., & White, G.J., 2012, MNRAS, 424, 3050 [[ADS](#)]

Can habitable planets form in clustered environments?

de Juan Ovelar, M., Kruijssen, J.M.D., **Bressert, E.**, **Testi, L.**, Bastian, N., & Cánovas, H., 2012, A&A, 546, L1 [[ADS](#)]

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