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Cosmology

[A survey for near-infrared H2 emission in Herbig Ae/Be stars: emission from the outer disks of HD 97048 and HD 100546](#)

Carmona, A., **van der Plas, G.**, **van den Ancker, M.E.**, Audard, M., Waters, L.B.F.M., Fedele, D., Acke, B., & Pantin, E., 2011, A&A, 533, 39 [[ADS](#)]

Instruments: FEROS2.2, FEROS2.2, CRIRES, CRIRES, CRIRES

[Nebular and global properties of the gravitationally lensed galaxy "the 8 o'clock arc"](#)

Dessauges-Zavadsky, M., Christensen, L., **D'Odorico, S.**, Schaerer, D., & Richard, J., 2011, A&A, 533, 15 [[ADS](#)]

Instruments: X-SHOOTER

[High-ion absorption in the proximate damped Ly- \$\alpha\$ system toward Q0841+129](#)

Fox, A.J., **Ledoux, C.**, Petitjean, P., Srianand, R., & Guimarães, R., 2011, A&A, 534, 82 [[ADS](#)]

Instruments: UVES, UVES, UVES

[Discovery of a high-z protocluster with tunable filters: the case of 6C0140+326 at \$z=4.4\$](#)

Kuiper, E., Hatch, N.A., **Venemans, B.P.**, Miley, G.K., Röttgering, H.J.A., Kurk, J.D., Overzier, R.A., Pentericci, L., Bland-Hawthorn, J., & Cepa, J., 2011, MNRAS, 417, 1088 [[ADS](#)]

[The young B-star quintuple system HD 155448](#)

Schütz, O., Meeus, G., Carmona, A., Juhász, A., & **Sterzik, M.F.**, 2011, A&A, 533, 54 [[ADS](#)]

Instruments: NACO, EFOSC2_3.6, SOFI, VISIR, EFOSC2_NTT

Galaxies and Galactic Nuclei

[Three Galactic globular cluster candidates](#)

Moni Bidin, C., Mauro, F., Geisler, D., Minniti, D., Catelan, M., Hempel, M., **Valenti, E.**, Valcarce, A.A.R., Alonso-García, J., Borissova, J., **Carraro, G.**, Lucas, P., Chené, A.N., Zoccali, M., Kurtev, R.G., 2011, arXiv, 1109, 1854 [[ADS](#)]

Instruments: VIRCAM

Interstellar Medium, Star Formation and Planetary Systems

[The molecular distribution of the IRDC G351.77-0.51](#)

Leurini, S., Pillai, T., **Stanke, T.**, Wyrowski, F., **Testi, L.**, Schuller, F., Menten, K.M., & Thorwirth, S., 2011, A&A, 533, 85 [[ADS](#)]

Instruments: LABOCA, SHFI

[The mm-colors of a Young Binary Disk System in the Orion Nebula Cluster](#)

Ricci, L., **Testi, L.**, Williams, J.P., Mann, R.K., & Birnstiel, T., 2011, ApJ, 739, L8 [[ADS](#)]

Instruments: X-SHOOTER

Stellar Evolution

[Distance to Galactic globulars using the near-infrared magnitudes of RR Lyrae stars - IV. The case of M5 \(NGC 5904\)](#)

Coppola, G., Dall'Ora, M., Ripepi, V., Marconi, M., Musella, I., **Bono, G.**, Piersimoni, A.M., Stetson, P.B., & Storm,

J., 2011, MNRAS, 416, 1056 [[ADS](#)]
Instruments: SOFI, SOFI

[A double detached shell around a post-red supergiant: IRAS 17163-3907, the Fried Egg nebula](#)

Lagadec, E., Zijlstra, A.A., Oudmaijer, R.D., Verhoelst, T., Cox, N.L.J., Szczerba, R., Mékarnia, D., & van Winckel, H., 2011, A&A, 534, L10 [[ADS](#)]
Instruments: VISIR

[Kinematic signature of an intermediate-mass black hole in the globular cluster NGC 6388](#)

Lützgendorf, N., Kissler-Patig, M., Noyola, E., Jalali, B., de Zeeuw, P.T., Gebhardt, K., & Baumgardt, H., 2011, A&A, 533, 36 [[ADS](#)]
Instruments: FLAMES-GIRAFFE

[The Non-thermal Radio Emitter HD 93250 Resolved by Long Baseline Interferometry](#)

Sana, H., Le Bouquin, J.-B., De Becker, M., Berger, J.-P., de Koter, A., Mérand, A., 2011, ApJ, 740, L43 [[ADS](#)]
Instruments: AMBER, AMBER

Papers without ESO data

How neutral is the intergalactic medium surrounding the redshift $z = 7.085$ quasar ULAS J1120+0641?

Bolton, J.S., Haehnelt, M.G., Warren, S.J., Hewett, P.C., Mortlock, D.J., Venemans, B.P., McMahon, R.G., & Simpson, C., 2011, MNRAS, 416, L70 [[ADS](#)]

Three new bricks in the wall: Berkeley 23, Berkeley 31 and King 8

Cignoni, M., Beccari, G., Bragaglia, A., & Tosi, M., 2011, MNRAS, 416, 1077 [[ADS](#)]

Unveiling Sources of Heating in the Vicinity of the Orion BN/KL Hot Core as Traced by Highly Excited Inversion Transitions of Ammonia

Goddi, C., Greenhill, L.J., Humphreys, E.M.L., Chandler, C.J., & Matthews, L.D., 2011, ApJ, 739, L13 [[ADS](#)]

X-ray monitoring of classical novae in the central region of M 31. II. Autumn and winter 2007/2008 and 2008/2009

Henze, M., Pietsch, W., Haberl, F., Hernanz, M., Sala, G., Hatzidimitriou, D., Della Valle, M., Rau, A., Hartmann, D.H., & Burwitz, V., 2011, A&A, 533, 52 [[ADS](#)]

Near-infrared thermal emissivity from ground-based atmospheric dust measurements at ORM

Lombardi, G., Zitelli, V., Ortolani, S., Melnick, J., Ghedina, A., Garcia, A., Molinari, E., & Gatica, C., 2011, MNRAS, 416, 1585 [[ADS](#)]

The PEP survey: clustering of infrared-selected galaxies and structure formation at $z \sim 2$ in GOODS-South

Magliocchetti, M., Santini, P., Rodighiero, G., Grazian, A., Aussel, H., Altieri, B., Andreani, P., Berta, S., Cepa, J., Castañeda, H., Cimatti, A., Daddi, E., Elbaz, D., Genzel, R., Gruppioni, C., Lutz, D., Magnelli, B., Maiolino, R., Popesso, P., Poglitsch, A., Pozzi, F., Sanchez-Portal, M., Förster Schreiber, N.M., Sturm, E., Tacconi, L., & Valtchanov, I., 2011, MNRAS, 416, 1105 [[ADS](#)]

Determination of the stellar parameters of C-rich hydrostatic stars from spectro-interferometric observations

Paladini, C., van Belle, G.T., Aringer, B., Hron, J., Reegen, P., Davis, C.J., & Lebzelter, T., 2011, A&A, 533, 27 [[ADS](#)]

Expanded Very Large Array Observations of the Barnard 5 Star-forming Core: Embedded Filaments Revealed

Pineda, J.E., Goodman, A.A., Arce, H.G., Caselli, P., Longmore, S., & Corder, S., 2011, ApJ, 739, L2 [[ADS](#)]

CO($J = 1 \rightarrow 0$) in $z > 2$ Quasar Host Galaxies: No Evidence for Extended Molecular Gas Reservoirs

Riechers, D.A., Carilli, C.L., Maddalena, R.J., Hodge, J., Harris, A.I., Baker, A.J., Walter, F., Wagg, J., Vanden Bout, P.A., Weiß, A., & Sharon, C.E., 2011, ApJ, 739, L32 [[ADS](#)]

Herschel-ATLAS: counterparts from the ultraviolet-near-infrared in the science demonstration phase catalogue

Smith, D.J.B., Dunne, L., Maddox, S.J., Eales, S., Bonfield, D.G., Jarvis, M.J., Sutherland, W., Fleuren, S., Rigby, E.E., Thompson, M.A., Baldry, I.K., Bamford, S., Buttiglione, S., Cava, A., Clements, D.L., Cooray, A., Croom, S., Dariush, A., de Zotti, G., Driver, S.P., Dunlop, J.S., Fritz, J., Hill, D.T., Hopkins, A., Hopwood, R., Ibar, E., Ivison, R.J., Jones, D.H., Kelvin, L., Leeuw, L., **Liske, J.**, Loveday, J., Madore, B.F., Norberg, P., Panuzzo, P., Pascale, E., Pohlen, M., Popescu, C.C., Prescott, M., Robotham, A., Rodighiero, G., Scott, D., Seibert, M., Sharp, R., Temi, P., Tuffs, R.J., van der Werf, P., & **van Kampen, E.**, 2011, MNRAS, 416, 857 [[ADS](#)]

On the occupation of X-ray-selected galaxy groups by radio active galactic nuclei since $z = 1.3$

Smolčić, V., Finoguenov, A., Zamorani, G., Schinnerer, E., **Tanaka, M.**, Giodini, S., & Scoville, N., 2011, MNRAS, 416, L31 [[ADS](#)]

The expansion proper motions of the planetary nebula NGC 6302 from Hubble Space Telescope imaging

Szyska, C., Zijlstra, A.A., & **Walsh, J.R.**, 2011, MNRAS, 416, 715 [[ADS](#)]

No quantum gravity signature from the farthest quasars

Tamburini, F., Cuofano, C., Della Valle, M., & **Gilmozzi, R.**, 2011, A&A, 533, 71 [[ADS](#)]

Far-infrared and Molecular CO Emission from the Host Galaxies of Faint Quasars at $z \sim 6$

Wang, R., **Wagg, J.**, Carilli, C.L., Neri, R., Walter, F., Omont, A., Riechers, D.A., Bertoldi, F., Menten, K.M., **Cox, P.**, Strauss, M.A., Fan, X., & Jiang, L., 2011, AJ, 142, 101 [[ADS](#)]

CO (2-1) Line Emission in Redshift 6 Quasar Host Galaxies

Wang, R., **Wagg, J.**, Carilli, C.L., Walter, F., Riechers, D.A., Willott, C., Bertoldi, F., Omont, A., Beelen, A., Cox, P., Strauss, M.A., Bergeron, J., Forveille, T., Menten, K.M., & Fan, X., 2011, ApJ, 739, L34 [[ADS](#)]

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