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Cosmology

[MASSIV: Mass Assembly Survey with SINFONI in VVDS. I. Survey description and global properties of the \$0.9 < z < 1.8\$ galaxy sample](#)

Contini, T., Garilli, B., Le Fèvre, O., **Kissler-Patig, M.**, Amram, P., Epinat, B., Moutaka, J., Paoro, L., Queyrel, J., Tasca, L., Tresse, L., Vergani, D., López-Sanjuan, C., & Perez-Montero, E., 2012, A&A, 539, 91 [[ADS](#)]

Instruments: SINFONI, SINFONI, SINFONI, VIMOS, VIMOS

[MASSIV: Mass Assembly Survey with SINFONI in VVDS. II. Kinematics and close environment classification](#)

Epinat, B., Tasca, L., Amram, P., Contini, T., Le Fèvre, O., Queyrel, J., Vergani, D., Garilli, B., **Kissler-Patig, M.**, Moutaka, J., Paoro, L., Tresse, L., Bournaud, F., López-Sanjuan, C., & Perret, V., 2012, A&A, 539, 92 [[ADS](#)]

Instruments: SINFONI, SINFONI, SINFONI, VIMOS, VIMOS

[Selection constraints on high-redshift quasar searches in the VISTA Kilo-degree Infrared Galaxy survey](#)

Findlay, J.R., Sutherland, W.J., **Venemans, B.P.**, Reylé, C., Robin, A.C., Bonfield, D.G., Bruce, V.A., & Jarvis, M.J., 2012, MNRAS, 419, 3354 [[ADS](#)]

Instruments: EFOSC2_NTT, VIRCAM, VIRCAM

[MASSIV: Mass Assembly Survey with SINFONI in VVDS. IV. Fundamental relations of star-forming galaxies at \$1 < z < 1.6\$](#)

Queyrel, J., Contini, T., **Kissler-Patig, M.**, Epinat, B., Amram, P., Garilli, B., Le Fèvre, O., Moutaka, J., Paoro, L., Tasca, L., Tresse, L., Vergani, D., López-Sanjuan, C., & Perez-Montero, E., 2012, A&A, 539, 93 [[ADS](#)]

Instruments: SINFONI, SINFONI, SINFONI, VIMOS, VIMOS

[MASSIV: Mass Assembly Survey with SINFONI in VVDS. III. Evidence for positive metallicity gradients in \$z \sim 1.2\$ star-forming galaxies](#)

Queyrel, J., Contini, T., **Kissler-Patig, M.**, Epinat, B., Amram, P., Garilli, B., Le Fèvre, O., Moutaka, J., Paoro, L., Tasca, L., Tresse, L., Vergani, D., López-Sanjuan, C., & Perez-Montero, E., 2012, A&A, 539, 93 [[ADS](#)]

Instruments: SINFONI, SINFONI, SINFONI

[Early-type Galaxies at \$z \sim 1.3\$. IV. Scaling Relations in Different Environments](#)

Raichoor, A., Mei, S., Stanford, S.A., Holden, B.P., Nakata, F., **Rosati, P.**, Shankar, F., Tanaka, M., Ford, H., Huertas-Company, M., Illingworth, G., Kodama, T., Postman, M., Rettura, A., Blakeslee, J.P., Demarco, R., Jee, M.J., & White, R.L., 2012, ApJ, 745, 130 [[ADS](#)]

Instruments: FORS2, ISAAC, ISAAC, ISAAC, ISAAC, VIMOS

Interstellar Medium, Star Formation and Planetary Systems

[Biosignatures as revealed by spectropolarimetry of Earthshine](#)

Sterzik, M.F., Bagnulo, S., & Pallo, E., 2012, Natur, 483, 64 [[ADS](#)]

Instruments: FORS2

Stellar Evolution

[A Dynamical N-body model for the central region of \$\omega\$ Centauri](#)

Jalali, B., Baumgardt, H., **Kissler-Patig, M.**, Gebhardt, K., Noyola, E., **Lützgendorf, N.**, & **de Zeeuw, P.T.**, 2012, A&A, 538, 19 [[ADS](#)]

Instruments: FLAMES-GIRAFFE

Papers without ESO data

UBVI CCD photometry and star counts in nine inner disc Galactic star clusters
Carraro, G., & Seleznev, A.F., 2012, MNRAS, 419, 3608 [[ADS](#)]

Hydrogen density in the dayside venusian exosphere derived from Lyman- α observations by SPICAV on Venus Express

Chaufray, J.-Y., Bertaux, J.-L., Quémerais, E., Villard, E., & Leblanc, F., 2012, Icar, 217, 767 [[ADS](#)]

The Herschel Virgo Cluster Survey - VIII. The Bright Galaxy Sample

Davies, J.I., Bianchi, S., Cortese, L., Auld, R., Baes, M., Bendo, G.J., Boselli, A., Ciesla, L., Clemens, M., Corbelli, E., de Looze, I., Alighieri, S.D.S., Fritz, J., Gavazzi, G., Pappalardo, C., Grossi, M., Hunt, L.K., Madden, S., Magrini, L., Pohlen, M., Smith, M.W.L., Verstappen, J., & Vlahakis, C., 2012, MNRAS, 419, 3505 [[ADS](#)]

The origin of peak-offsets in weak-lensing maps

Dietrich, J.P., Böhnert, A., Lombardi, M., Hilbert, S., & Hartlap, J., 2012, MNRAS, 419, 3547 [[ADS](#)]

Dense gas and exciting sources of the molecular outflow in the AFGL 437 star-forming region

Manjarrez, G., Gómez, J.F., & de Gregorio-Monsalvo, I., 2012, MNRAS, 419, 3338 [[ADS](#)]

The Herschel Multi-tiered Extragalactic Survey: SPIRE-mm photometric redshifts

Roseboom, I.G., Ivison, R.J., Greve, T.R., Amblard, A., Arumugam, V., Auld, R., Aussel, H., Bethermin, M., Blain, A., Bock, J., Boselli, A., Brisbin, D., Buat, V., Burgarella, D., Castro-Rodríguez, N., Cava, A., Chanial, P., Chapin, E., Chapman, S., Clements, D.L., Conley, A., Conversi, L., Cooray, A., Dowell, C.D., Dunlop, J.S., Dwek, E., Eales, S., Elbaz, D., Farrah, D., Franceschini, A., Glenn, J., Griffin, M., Halpern, M., Hatziminaoglou, E., Ibar, E., Isaak, K., Lagache, G., Levenson, L., Lu, N., Madden, S., Maffei, B., Mainetti, G., Marchetti, L., Marsden, G., Morrison, G., Mortier, A.M.J., Nguyen, H.T., O'Halloran, B., Oliver, S.J., Omont, A., Page, M.J., Panuzzo, P., Papageorgiou, A., Pearson, C.P., Pérez-Fournon, I., Pohlen, M., Rawlings, J.I., Raymond, G., Rigopoulou, D., Rizzo, D., Rodighiero, G., Rowan-Robinson, 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.P., Vigroux, L., Wardlow, J., Wang, L., Wright, G., Xu, C.K., & Zemcov, M., 2012, MNRAS, 419, 2758 [[ADS](#)]

A weak compact jet in a soft state of Cygnus X-1

Rushton, A., Miller-Jones, J.C.A., Campana, R., Evangelista, Y., Paragi, Z., Maccarone, T.J., Pooley, G.G., Tudose, V., Fender, R.P., Spencer, R.E., & Dhawan, V., 2012, MNRAS, 419, 3194 [[ADS](#)]

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