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### Cosmology

#### [On the sizes of \$z \geq 2\$ damped Ly \$\alpha\$ absorbing galaxies](#)

Krogager, J.-K., Fynbo, J.P.U., **Møller, P.**, **Ledoux, C.**, Noterdaeme, P., Christensen, L., & Milvang-Jensen, B., Sparre, M., 2012, MNRAS, 424, L1 [[ADS](#)]

*Instruments:* X-SHOOTER, X-SHOOTER

#### [X-Ray Groups of Galaxies at \$0.5 < z < 1\$ in zCOSMOS: Increased AGN Activities in High Redshift Groups](#)

Tanaka, M., Finoguenov, A., Lilly, S.J., Bolzonella, M., Carollo, C.M., Contini, T., Iovino, A., Kneib, J.-P., Lamareille, F., Le Fevre, O., **Mainieri, V.**, Presotto, V., Renzini, A., Scodreggio, M., Silverman, J.D., Zamorani, G., Bardelli, S., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Kampczyk, P., Knobel, C., Kovač, K., Le Borgne, J.-F., Le Brun, V., López-Sanjuan, C., Maier, C., Mignoli, M., Pello, R., Peng, Y., Perez-Montero, E., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Barnes, L., Bordoloi, R., Cappi, A., Cimatti, A., Coppa, G., Koekemoer, A.M., McCracken, H.J., Moresco, M., Nair, P., Oesch, P., Pozzetti, L., Welikala, N., 2012, PASJ, 64, 22 [[ADS](#)]

*Instruments:* VIMOS

### Stellar Evolution

#### [The long-period Galactic Cepheid RS Puppis. II. 3D structure and mass of the nebula from VLT/FORS polarimetry](#)

Kervella, P., **Mérand, A.**, Szabados, L., Sparks, W.B., Havlen, R.J., Bond, H.E., **Pompei, E.**, Fouqué, P., Bersier, D., & Cracraft, M., 2012, A&A, 541, 18 [[ADS](#)]

*Instruments:* FORS2, EMMI

#### [Zooming in on Supernova 1987A at submillimetre wavelengths](#)

**Lakićević, M.**, van Loon, J.T., **Stanke, T.**, **De Breuck, C.**, & **Patat, F.**, 2012, A&A, 541, L1 [[ADS](#)]

*Instruments:* LABOCA, SABOCA

#### [Discovery of H \$\alpha\$ satellite emission in a low state of the SW Sextantis star BB Doradus](#)

**Schmidtobreick, L.**, Rodriguez-Gil, P., Long, K.S., Gänsicke, B.T., Tappert, C., & Torres, M.A.P., 2012, MNRAS, 422, 731 [[ADS](#)]

*Instruments:* FORS2

### Papers without ESO data

#### **The JCMT Legacy Survey of the Gould Belt: mapping 13CO and C18O in Orion A**

Buckle, J.V., Davis, C.J., Francesco, J.D., Graves, S.F., Nutter, D., Richer, J.S., Roberts, J.F., Ward-Thompson, D., White, G.J., Brunt, C., Butner, H.M., Cavanagh, B., Chrysostomou, A., Curtis, E.I., Duarte-Cabral, A., Etxaluze, M., Fich, M., Friberg, P., Friesen, R., Fuller, G.A., Greaves, J.S., Hatchell, J., Hogerheijde, M.R., Johnstone, D., Matthews, B., Matthews, H., Rawlings, J.M.C., Sadavoy, S., Simpson, R.J., Tothill, N.F.H., **Tsamis, Y.G.**, Viti, S., Wouterloot, J.G.A., & Yates, J., 2012, MNRAS, 422, 521 [[ADS](#)]

#### **A WFC3 study of globular clusters in NGC 4150: an early-type minor merger**

Kaviraj, S., Crockett, R.M., Whitmore, B.C., Silk, J., O'Connell, R.W., Windhorst, R.A., Mutchler, M., **Rejkuba, M.**, Yi, S., Frogel, J.A., & Calzetti, D., 2012, MNRAS, 422, L96 [[ADS](#)]

#### **The remnant of supernova 1987A resolved at 3-mm wavelength**

**Lakićević, M.**, Zanardo, G., van Loon, J.T., Staveley-Smith, L., Potter, T., Ng, C.-Y., Gaensler, B.M., 2012, A&A, 541, L2 [[ADS](#)]

**The discovery of high-power high synchrotron peak blazars**  
Padovani, P., Giommi, P., & Rau, A., 2012, MNRAS, 422, L48 [[ADS](#)]

**Ultraviolet Properties of Galactic Globular Clusters with GALEX. I. The Color-Magnitude Diagrams**  
Schiavon, R.P., Dalessandro, E., Sohn, S.T., Rood, R.T., O'Connell, R.W., Ferraro, F.R., Lanzoni, B., Beccari, G., Rey, S.-C., Rhee, J., Rich, R.M., Yoon, S.-J., Lee, Y.-W., 2012, AJ, 143, 121 [[ADS](#)]

**Planetary companions around the metal-poor star HIP 11952**  
Setiawan, J., Roccatagliata, V., Fedele, D., Henning, T., Pasquali, A., Rodríguez-Ledesma, M.V., Caffau, E., Seemann, U., & Klement, R.J., 2012, A&A, 540, 141 [[ADS](#)]

**Molecular Gas in Infrared Ultraluminous QSO Hosts**  
Xia, X.Y., Gao, Y., Hao, C.-N., Tan, Q.H., Mao, S., Omont, A., Flaquer, B.O., Leon, S., Cox, P., 2012, ApJ, 750, 92 [[ADS](#)]

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