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## Cosmology

### [Two formation channels of ultra-compact dwarf galaxies in Hickson compact groups](#)

Da Rocha, C., **Mieske, S.**, Georgiev, I.Y., Hilker, M., Ziegler, B.L., & Mendes de Oliveira, C., 2011, A&A, 525, 86 [[ADS](#)]

*Instruments:* FORS1, FORS2

### [The properties of the interstellar medium within a star-forming galaxy at \$z = 2.3\$](#)

Danielson, A.L.R., Swinbank, A.M., Smail, I., Cox, P., Edge, A.C., Weiss, A., Harris, A.I., Baker, A.J., **De Breuck, C.**, Geach, J.E., Ivison, R.J., Krips, M., **Lundgren, A.**, Longmore, S., Neri, R., & Flaquer, B.O., 2011, MNRAS, 410, 1687 [[ADS](#)]

*Instruments:* SHFI

### [Galaxy protocluster candidates around \$z \sim 2.4\$ radio galaxies](#)

Hatch, N.A., **De Breuck, C.**, **Galametz, A.**, Miley, G.K., Overzier, R.A., Röttgering, H.J.A., **Doherty, M.**, Kodama, T., Kurk, J.D., Seymour, N., **Venemans, B.P.**, **Vernet, J.**, & Zirm, A.W., 2011, MNRAS, 410, 1537 [[ADS](#)]

*Instruments:* HAWK-I

### [The colour-magnitude relation of elliptical and lenticular galaxies in the ESO Distant Cluster Survey](#)

**Jaffé, Y.L.**, Aragón-Salamanca, A., De Lucia, G., Jablonka, P., Rudnick, G., Saglia, R., & Zaritsky, D., 2011, MNRAS, 410, 280 [[ADS](#)]

*Instruments:* FORS2

### [The black holes of radio galaxies during the "Quasar Era": masses, accretion rates, and evolutionary stage](#)

Nesvadba, N.P.H., **De Breuck, C.**, Lehnert, M.D., Best, P.N., Binette, L., & Proga, D., 2011, A&A, 525, 43 [[ADS](#)]

*Instruments:* SINFONI, SPIFFI

## Interstellar Medium, Star Formation and Planetary Systems

### [Rotationally modulated variations and the mean longitudinal magnetic field of the Herbig Ae star HD 101412](#)

Hubrig, S., Mikulášek, Z., González, J.F., **Schöller, M.**, Ilyin, I., Curé, M., Zejda, M., Cowley, C.R., Elkin, V.G., Pogodin, M.A., & Yudin, R.V., 2011, A&A, 525, L4 [[ADS](#)]

*Instruments:* FORS2

### [U-band study of the accretion properties in the \$\sigma\$ Orionis star-forming region](#)

Rigliaco, E., Natta, A., Randich, S., **Testi, L.**, & Biazzo, K., 2011, A&A, 525, 47 [[ADS](#)]

*Instruments:* FORS1, FLAMES-GIRAFFE

### [Near-infrared spectroscopy of 133P/Elst-Pizarro](#)

Rousselot, P., **Dumas, C.**, & Merlin, F., 2011, Icar, 211, 553 [[ADS](#)]

*Instruments:* SINFONI

### [Search for brown-dwarf companions of stars](#)

**Sahlmann, J.**, Ségransan, D., Queloz, D., Udry, S., Santos, N.C., Marmier, M., Mayor, M., Naef, D., Pepe, F., & Zucker, S., 2011, A&A, 525, 95 [[ADS](#)]

*Instruments:* HARPS

## Stellar Evolution

### [First Magnetic Field Models for Recently Discovered Magnetic \$\beta\$ Cephei and Slowly Pulsating B Stars](#)

Hubrig, S., Ilyin, I., **Schöller, M.**, Briquet, M., Morel, T., & De Cat, P., 2011, ApJ, 726, L5 [\[ADS\]](#)

*Instruments:* FORS2

### [Limb-darkening measurements for a cool red giant in microlensing event OGLE 2004-BLG-482](#)

Zub, M., Cassan, A., Heyrovský, D., Fouqué, P., Stempels, H.C., Albrow, M.D., Beaulieu, J.-P., **Brillant, S.**, Christie, G.W., Kains, N., Kozłowski, S., **Kubas, D.**, Wambsganss, J., Batista, V., Bennett, D.P., Cook, K., Coutures, C., Dieters, S., Dominik, M., Dominis Prester, D., Donatowicz, J., Greenhill, J., Horne, K., Jørgensen, U.G., Kane, S.R., Marquette, J.-B., Martin, R., Menzies, J., Pollard, K.R., Sahu, K.C., Vinter, C., Williams, A., Gould, A., Depoy, D.L., Gal-Yam, A., Gaudi, B.S., Han, C., Lipkin, Y., Maoz, D., Ofek, E.O., Park, B.-G., Pogge, R.W., McCormick, J., Udalski, A., Szymański, M.K., Kubiak, M., Pietrzyński, G., Soszyński, I., Szewczyk, O., Wyrzykowski, Ł., PLANET Collaboration, P.C., 2011, A&A, 525, 15 [\[ADS\]](#)

*Instruments:* UVES

### [HST and VLT observations of the neutron star 1E 1207.4-5209](#)

de Luca, A., Mignani, R.P., Sartori, A., **Hummel, W.**, Caraveo, P.A., Mereghetti, S., & Bignami, G.F., 2011, A&A, 525, 106 [\[ADS\]](#)

*Instruments:* ISAAC

## Miscellaneous

### **The origin of palladium and silver**

**Hansen, C.J.**, & Primas, F., 2011, A&A, 525, L5 [\[ADS\]](#)

*Instruments:* UVES

### [Testing Newtonian gravity with distant globular clusters: NGC 1851 and NGC 1904](#)

Scarpa, R., **Marconi, G.**, Carraro, G., Falomo, R., & Villanova, S., 2011, A&A, 525, 148 [\[ADS\]](#)

*Instruments:* FLAMES-GIRAFFE

## Papers without ESO data

### **CS, HC3N, and CH3CCH multi-line analyses toward starburst galaxies. The evolution of cloud structures in the central regions of galaxies**

Aladro, R., Martín-Pintado, J., **Martin, S.**, Mauersberger, R., & Bayet, E., 2011, A&A, 525, 89 [\[ADS\]](#)

### **New constraints on dust grain size and distribution in CQ Tauri**

**Banzatti, A.**, Testi, L., Isella, A., Natta, A., Neri, R., & Wilner, D.J., 2011, A&A, 525, 12 [\[ADS\]](#)

### **An optical/NIR survey of globular clusters in early-type galaxies. II. Ages of globular cluster systems and the relation to galaxy morphology**

Chies-Santos, A.L., Larsen, S.S., **Kuntschner, H.**, Anders, P., Wehner, E.M., Strader, J., Brodie, J.P., & Santos, J.F.C., 2011, A&A, 525, 20 [\[ADS\]](#)

### **An optical/NIR survey of globular clusters in early-type galaxies. I. Introduction and data reduction procedures**

Chies-Santos, A.L., Larsen, S.S., Wehner, E.M., **Kuntschner, H.**, Strader, J., & Brodie, J.P., 2011, A&A, 525, 19 [\[ADS\]](#)

### **Discovery of a New AM CVn System with the Kepler Satellite**

Fontaine, G., Brassard, P., Green, E.M., Charpinet, S., Dufour, P., Hubeny, I., Steeghs, D., Aerts, C., **Randall, S.K.**, Bergeron, P., Guvenen, B., O'Malley, C.J., Van Grootel, V., Østensen, R.H., Bloemen, S., Silvotti, R., Howell, S.B., Baran, A., Kepler, S.O., Marsh, T.R., Montgomery, M.H., Oreiro, R., Provencal, J., Telting, J., Winget, D.E., Zima, W., Christensen-Dalsgaard, J., & Kjeldsen, H., 2011, ApJ, 726, 92 [\[ADS\]](#)

### **Deep 21 cm H I Observations at $z \approx 0.1$ : The Precursor to the Arecibo Ultra Deep Survey**

**Freudling, W.**, Staveley-Smith, L., Catinella, B., Minchin, R., Calabretta, M., Momjian, E., **Zwaan, M.**, Meyer, M., & O'Neil, K., 2011, ApJ, 727, 40 [\[ADS\]](#)

**The ACS Fornax Cluster Survey. IV. Deprojection of the Surface Brightness Profiles of Early-type Galaxies in the Virgo and Fornax Clusters: Investigating the "Core/Power-law Dichotomy"**

Glass, L., Ferrarese, L., Côté, P., Jordán, A., Peng, E., Blakeslee, J.P., Chen, C.-W., Infante, L., Mei, S., Tonry, J.L., West, M.J., 2011, ApJ, 726, 31 [[ADS](#)]

**FERMI constraints on the high energy, ~1 GeV, emission of long gamma ray bursts**

Guetta, D., Pian, E., & Waxman, E., 2011, A&A, 525, 53 [[ADS](#)]

**Is Protostellar Heating Sufficient to Halt Fragmentation? A Case Study of the Massive Protocluster G8.68–0.37**

Longmore, S.N., Pillai, T., Keto, E., Zhang, Q., & Qiu, K., 2011, ApJ, 726, 97 [[ADS](#)]

**High resolution HDS/SUBARU chemical abundances of the young stellar cluster Palomar 1**

Monaco, L., Saviane, I., Correnti, M., Bonifacio, P., & Geisler, D., 2011, A&A, 525, 124 [[ADS](#)]

**Spectroscopy Unveils the Complex Nature of Terzan 5**

Origlia, L., Rich, R.M., Ferraro, F.R., Lanzoni, B., Bellazzini, M., Dalessandro, E., Mucciarelli, A., Valenti, E., & Beccari, G., 2011, ApJ, 726, L20 [[ADS](#)]

**The (sub-)millimeter SED of protoplanetary disks in the outskirts of the Orion nebula cluster**

Ricci, L., Mann, R.K., Testi, L., Williams, J.P., Isella, A., Robberto, M., Natta, A., & Brooks, K.J., 2011, A&A, 525, 81 [[ADS](#)]

**Photon dominated regions in NGC 3603. [CI] and mid-J CO line emission**

Röllig, M., Kramer, C., Rajbahak, C., Minamidani, T., Sun, K., Simon, R., Ossenkopf, V., Cubick, M., Hitschfeld, M., Aravena, M., Bensch, F., Bertoldi, F., Bronfman, L., Fujishita, M., Fukui, Y., Graf, U.U., Honingh, N., Ito, S., Jakob, H., Jacobs, K., Klein, U., Koo, B.-C., May, J., Miller, M., Miyamoto, Y., Mizuno, N., Onishi, T., Park, Y.-S., Pineda, J., Rabanus, D., Sasago, H., Schieder, R., Stutzki, J., Yamamoto, H., Yonekura, Y., 2011, A&A, 525, 8 [[ADS](#)]

**Hubble Space Telescope WFC3 Early Release Science: Emission-line Galaxies from Infrared Grism Observations**

Straughn, A.N., Kuntschner, H., Kümmel, M., Walsh, J.R., Cohen, S.H., Gardner, J.P., Windhorst, R.A., O'Connell, R.W., Pirzkal, N., Meurer, G., McCarthy, P.J., Hathi, N.P., Malhotra, S., Rhoads, J., Balick, B., Bond, H.E., Calzetti, D., Disney, M.J., Dopita, M.A., Frogel, J.A., Hall, D.N.B., Holtzman, J.A., Kimble, R.A., Mutchler, M., Paresce, F., Saha, A., Silk, J.I., Trauger, J.T., Walker, A.R., Whitmore, B.C., Young, E.T., & Xu, C., 2011, AJ, 141, 14 [[ADS](#)]

**Evidence for Extended Star Formation in the Old, Metal-Rich Open Cluster, NGC 6791?**

Twarog, B.A., Carraro, G., & Anthony-Twarog, B.J., 2011, ApJ, 727, L7 [[ADS](#)]

**Searching for differences in Swift's intermediate GRBs**

de Ugarte Postigo, A., Horváth, I., Veres, P., Bagoly, Z., Kann, D.A., Thöne, C.C., Balazs, L.G., D'Avanzo, P., Aloy, M.A., Foley, S., Campana, S., Mao, J., Jakobsson, P., Covino, S., Fynbo, J.P.U., Gorosabel, J., Castro-Tirado, A.J., Amati, L., & Nardini, M., 2011, A&A, 525, 109 [[ADS](#)]

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