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Cosmology

[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

[H \$\alpha\$ emitters in \$z \sim 2\$ protoclusters: evidence for faster evolution in dense environments](#)

Hatch, N.A., Kurk, J.D., Pentericci, L., **Venemans, B.P.**, Kuiper, E., Miley, G.K., & Röttgering, H.J.A., 2011, MNRAS, 415, 2993 [[ADS](#)]
Instruments: HAWK-I, HAWK-I

[A SINFONI view of flies in the Spiderweb: a galaxy cluster in the making](#)

Kuiper, E., Hatch, N.A., Miley, G.K., Nesvadba, N.P.H., Röttgering, H.J.A., Kurk, J.D., Lehnert, M.D., Overzier, R.A., Pentericci, L., Schaye, J., & **Venemans, B.P.**, 2011, MNRAS, 415, 2245 [[ADS](#)]
Instruments: SINFONI

[Discovery of the X-ray selected galaxy cluster XMMU J0338.8+0021 at \$z = 1.49\$. Indications of a young system with a brightest galaxy in formation](#)

Nastasi, A., Fassbender, R., Böhringer, H., Šuhada, R., **Rosati, P.**, Pierini, D., Verdugo, M., Santos, J.S., Schwobe, A.D., de Hoon, A., Kohnert, J., Lamer, G., Mühlegger, M., & Quintana, H., 2011, A&A, 532, L6 [[ADS](#)]
Instruments: FORS2

[The LABOCA survey of the Extended Chandra Deep Field-South: a photometric redshift survey of submillimetre galaxies](#)

Wardlow, J.L., Smail, I., Coppin, K.E.K., Alexander, D.M., Brandt, W.N., Danielson, A.L.R., Luo, B., Swinbank, A.M., Walter, F., Weiß, A., Xue, Y.Q., Zibetti, S., Bertoldi, F., **Biggs, A.D.**, Chapman, S.C., Dannerbauer, H., Dunlop, J.S., Gawiser, E., Ivison, R.J., Knudsen, K.K., Kovács, A., Lacey, C.G., Menten, K.M., Padilla, N., Rix, H.-W., van der Werf, P.P., 2011, MNRAS, 415, 1479 [[ADS](#)]
Instruments: VIMOS, VIMOS, VIMOS, LABOCA, LABOCA, LABOCA, LABOCA, HAWK-I

Galaxies and Galactic Nuclei

[New Galactic star clusters discovered in the VVV survey](#)

Borissova, J., Bonatto, C., Kurtev, R., Clarke, J.R.A., Peñaloza, F., Sale, S.E., Minniti, D., Alonso-García, J., Artigau, E., Barbá, R., Bica, E., Baume, G.L., Catelan, M., Chenè, A.N., Dias, B., Folkes, S.L., Froebrich, D., Geisler, D., de Grijs, R., Hanson, M.M., Hempel, M., **Ivanov, V.D.**, Kumar, M.S.N., Lucas, P., Mauro, F., Moni Bidin, C., **Rejkuba, M.**, Saito, R.K., Tamura, M., & Toledo, I., 2011, A&A, 532, 131 [[ADS](#)]
Instruments: VIRCAM

[Accurate Stellar Kinematics at Faint Magnitudes: Application to the Boötes I Dwarf Spheroidal Galaxy](#)

Koposov, S.E., Gilmore, G., Walker, M.G., Belokurov, V., Wyn Evans, N., Fellhauer, M., Gieren, W., Geisler, D., **Monaco, L.**, Norris, J.E., Okamoto, S., Peñarrubia, J., Wilkinson, M., Wyse, R.F.G., & Zucker, D.B., 2011, ApJ, 736, 146 [[ADS](#)]
Instruments: FLAMES-GIRAFFE

[The dynamics of the ionized and molecular interstellar medium in powerful obscured quasars at \$z \geq 3.5\$](#)

Nesvadba, N.P.H., Polletta, M., Lehnert, M.D., Bergeron, J., **De Breuck, C.**, Lagache, G., & Omont, A., 2011, MNRAS, 415, 2359 [[ADS](#)]
Instruments: SINFONI

[Mapping the X-shaped Milky Way Bulge](#)

Saito, R.K., Zoccali, M., McWilliam, A., **Minniti, D.**, **Gonzalez, O.A.**, & Hill, V., 2011, AJ, 142, 76 [[ADS](#)]
Instruments: VIRCAM

[Probing dark matter haloes of spiral galaxies at poorly explored distances using satellite kinematics](#)

Yegorova, I.A., Pizzella, A., & Salucci, P., 2011, A&A, 532, 105 [[ADS](#)]
Instruments: EMMI, VIMOS, VIMOS

Interstellar Medium, Star Formation and Planetary Systems

[Stellar Variability of the Exoplanet Hosting Star HD 63454](#)

Kane, S.R., Dragomir, D., Ciardi, D.R., Lee, J.-W., **Lo Curto, G.**, Lovis, C., Naef, D., Mahadevan, S., Pilyavsky, G., Udry, S., Wang, X., Wright, J., 2011, ApJ, 737, 58 [[ADS](#)]
Instruments: HARPS, HARPS

Sparse aperture masking at the VLT. I. Faint companion detection limits for the two debris disk stars HD 92945 and HD 141569

Lacour, S., Tuthill, P., **Amico, P.**, Ireland, M., Ehrenreich, D., Huelamo, N., & Lagrange, A.-M., 2011, A&A, 532, 72 [[ADS](#)]
Instruments: NACO, NACO

Testing the comet nature of main belt comets. The spectra of 133P/Elst-Pizarro and 176P/LINEAR

Licandro, J., Campins, H., Tozzi, G.P., de León, J., Pinilla-Alonso, N., Boehnhardt, H., & **Hainaut, O.R.**, 2011, A&A, 532, 65 [[ADS](#)]
Instruments: FORS1

The HARPS search for southern extra-solar planets XXXIV. Occurrence, mass distribution and orbital properties of super-Earths and Neptune-mass planets

Mayor, M., Marmier, M., Lovis, C., Udry, S., Ségransan, D., Pepe, F., Benz, W., Bertaux, J.L., Bouchy, F., Dumusque, X., **Lo Curto, G.**, Mordasini, C., Queloz, D., Santos, N.C., 2011, arXiv, 1109, 2497 [[ADS](#)]
Instruments: HARPS, HARPS, HARPS

The nearby eclipsing stellar system δ Velorum. III. Self-consistent fundamental parameters and distance

Mérand, A., Kervella, P., Pribulla, T., **Petr-Gotzens, M.G.**, Benisty, M., Natta, A., Duvert, G., Schertl, D., & Vannier, M., 2011, A&A, 532, 50 [[ADS](#)]
Instruments: NACO, AMBER, AMBER, VISIR

Distance limits to intermediate- and high-velocity clouds

Smoker, J.V., **Fox, A.J.**, & Keenan, F.P., 2011, MNRAS, 415, 1105 [[ADS](#)]
Instruments: UVES, FEROS2.2, FLAMES-UV, FLAMES-GIRAFFE

Stellar Evolution

An extremely primitive star in the Galactic halo

Caffau, E., Bonifacio, P., François, P., Sbordone, L., **Monaco, L.**, Spite, M., Spite, F., Ludwig, H.-G., Cayrel, R., Zaggia, S., Hammer, F., Randich, S., Molaro, P., Hill, V., 2011, Natur, 477, 67 [[ADS](#)]
Instruments: UVES, X-SHOOTER

HD 97394: a magnetic Ap star with high cerium overabundance

Elkin, V.G., Kurtz, D.W., & **Mathys, G.**, 2011, MNRAS, 415, 2233 [[ADS](#)]
Instruments: UVES, FEROS2.2

Mid-infrared interferometric monitoring of evolved stars. The dust shell around the Mira variable RR Aquilae at 13 epochs

Karovicova, I., **Wittkowski, M.**, Boboltz, D.A., Fossat, E., Ohnaka, K., & Scholz, M., 2011, A&A, 532, 134 [[ADS](#)]
Instruments: MIDI, MIDI, MIDI, MIDI

Mercer 5: a probable new globular cluster in the Galactic bulge

Longmore, A.J., Kurtev, R., Lucas, P.W., Froebrich, D., de Grijs, R., **Ivanov, V.D.**, Maccarone, T.J., Borissova, J., & Ker, L.M., 2011, MNRAS, 416, 465 [[ADS](#)]
Instruments: SOFI

The two metallicity groups of the globular cluster M 22: a chemical perspective

Marino, A.F., Sneden, C., Kraft, R.P., Wallerstein, G., Norris, J.E., da Costa, G., Milone, A.P., Ivans, I.I., Gonzalez, G., Fulbright, J.P., **Hilker, M.**, Piotto, G., Zoccali, M., & Stetson, P.B., 2011, A&A, 532, 8 [[ADS](#)]
Instruments: UVES, FLAMES-UV

The Peculiar Properties of Horizontal-branch Stars in ω Centauri

Moni Bidin, C., Villanova, S., Piotto, G., **Moehler, S.**, & D'Antona, F., 2011, ApJ, 738, L10 [[ADS](#)]
Instruments: FORS2

A Fossil Bulge Globular Cluster Revealed by very Large Telescope Multi-conjugate Adaptive Optics

Ortolani, S., Barbuy, B., **Momany, Y.**, **Saviane, I.**, Bica, E., **Jilkova, L.**, Salerno, G.M., & Jungwiert, B., 2011, ApJ, 737, 31 [[ADS](#)]
Instruments: MAD

Rapidly Pulsating Hot Subdwarfs in ω Centauri: A New Instability Strip on the Extreme Horizontal Branch?

Randall, S.K., Calamida, A., Fontaine, G., Bono, G., & Brassard, P., 2011, ApJ, 737, L27 [[ADS](#)]
Instruments: FORS2, EFOSC2_NTT

Lunar occultations of 184 stellar sources in two crowded regions toward the Galactic bulge

Richichi, A., Chen, W.P., Fors, O., & Wang, P.F., 2011, A&A, 532, 101 [[ADS](#)]
Instruments: ISAAC

The massive star binary fraction in young open clusters - III. IC 2944 and the Cen OB2 association

Sana, H., James, G., & Gosset, E., 2011, MNRAS, 416, 817 [\[ADS\]](#)

Instruments: UVES, FEROS2.2, FEROS2.2, FEROS2.2

Accretion in the detached post-common-envelope binary LTT 560

Tappert, C., Gänsicke, B.T., **Schmidtobreick, L.,** & Ribeiro, T., 2011, A&A, 532, 129 [\[ADS\]](#)

Instruments: UVES

Inhomogeneities in molecular layers of Mira atmospheres

Wittkowski, M., Boboltz, D.A., Ireland, M., **Karovicova, I.,** Ohnaka, K., Scholz, M., van Wyk, F., Whitelock, P., Wood, P.R., & Zijlstra, A.A., 2011, A&A, 532, L7 [\[ADS\]](#)

Instruments: AMBER

Miscellaneous

The remnant of SN 1987A revealed at (sub-)mm wavelengths

Lakićević, M., van Loon, J.T., **Patat, F.,** Staveley-Smith, L., & Zanardo, G., 2011, A&A, 532, L8 [\[ADS\]](#)

Instruments: LABOCA

The spectrum of (136199) Eris between 350 and 2350 nm: results with X-Shooter

Alvarez-Candal, A., Pinilla-Alonso, N., Licandro, J., Cook, J., Mason, E., Roush, T., Cruikshank, D., **Gourgeot, F.,** Dotto, E., & Perna, D., 2011, A&A, 532, 130 [\[ADS\]](#)

Instruments: X-SHOOTER

Searching for Gas Giant Planets on Solar System Scales: VLT NACO/APP Observations of the Debris Disk Host Stars HD172555 and HD115892

Quanz, S.P., Kenworthy, M.A., Meyer, M.R., **Girard, J.H.V.,** & **Kasper, M.,** 2011, ApJ, 736, L32 [\[ADS\]](#)

Instruments: NACO

A Ly α blob and zabs $\approx$ zem damped Ly α absorber in the dark matter halo of the binary quasar Q 0151+048

Zafar, T., **Møller, P.,** **Ledoux, C.,** **Fynbo, J.P.U.,** **Nilsson, K.K.,** **Christensen, L.,** **D'Odorico, S.,** Milvang-Jensen, B., Michałowski, M.J., & Ferreira, D.D.M., 2011, A&A, 532, 51 [\[ADS\]](#)

Instruments: X-SHOOTER, X-SHOOTER

Papers without ESO data

X-Ray Spectral Constraints for $z \approx 2$ Massive Galaxies: The Identification of Reflection-dominated Active Galactic Nuclei

Alexander, D.M., Bauer, F.E., Brandt, W.N., Daddi, E., Hickox, R.C., Lehmer, B.D., Luo, B., Xue, Y.Q., Young, M., Comastri, A., Del Moro, A., Fabian, A.C., Gilli, R., Goulding, A.D., **Mainieri, V.,** Mullaney, J.R., Paolillo, M., Rafferty, D.A., Schneider, D.P., Shemmer, O., & Vignali, C., 2011, ApJ, 738, 44 [\[ADS\]](#)

Unveiling the Mask on the ULIRG-to-QSO Transition Object [H89]1821+643 at $z = 0.3$: A Gas-poor/Gas-rich Galaxy Merger and the Implications for Co-based Dynamical Mass Estimates

Aravena, M., **Wagg, J.,** Papadopoulos, P.P., & Feain, I.J., 2011, ApJ, 737, 64 [\[ADS\]](#)

The Non-segregated Population of Blue Straggler Stars in the Remote Globular Cluster Palomar 14

Beccari, G., Sollima, A., Ferraro, F.R., Lanzoni, B., Bellazzini, M., De Marchi, G., Valls-Gabaud, D., & Rood, R.T., 2011, ApJ, 737, L3 [\[ADS\]](#)

Building the cosmic infrared background brick by brick with Herschel/PEP***

Berta, S., Magnelli, B., Nordon, R., Lutz, D., Wuyts, S., Altieri, B., **Andreani, P.,** Aussel, H., Castañeda, H., Cepa, J., Cimatti, A., Daddi, E., Elbaz, D., Förster Schreiber, N.M., Genzel, R., Le Floc'h, E., Maiolino, R., Pérez-Fournon, I., Poglitsch, A., Popesso, P., Pozzi, F., Riguccini, L., Rodighiero, G., Sanchez-Portal, M., Sturm, E., Tacconi, L.J., & Valtchanov, I., 2011, A&A, 532, 49 [\[ADS\]](#)

Redshift Evolution of the Galaxy Velocity Dispersion Function

Bezanson, R., van Dokkum, P.G., Franx, M., **Brammer, G.B.,** Brinchmann, J., Kriek, M., Labbé, I., Quadri, R.F., Rix, H.-W., van de Sande, J., Whitaker, K.E., Williams, R.J., 2011, ApJ, 737, L31 [\[ADS\]](#)

Herschel-ATLAS: the link between accretion luminosity and star formation in quasar host galaxies

Bonfield, D.G., Jarvis, M.J., Hardcastle, M.J., Cooray, A., **Hatziminaoglou, E.,** Ivison, R.J., Page, M.J., Stevens, J.A., de Zotti, G., Auld, R., Baes, M., Buttiglione, S., Cava, A., Dariush, A., Dunlop, J.S., Dunne, L., Dye, S., Eales, S., Fritz, J., Hopwood, R., Ibar, E., Maddox, S.J., Michałowski, M.J., Pascale, E., Pohlen, M., Rigby, E.E., Rodighiero, G., Serjeant, S., Smith, D.J.B., Temi, P., & van der Werf, P., 2011, MNRAS, 416, 13 [\[ADS\]](#)

The Unusual Vertical Mass Distribution of NGC 4013 Seen through the Spitzer Survey of Stellar Structure in Galaxies (S4G)

Comerón, S., Elmegreen, B.G., Knapen, J.H., Sheth, K., Hinz, J.L., Regan, M.W., Gil de Paz, A., Muñoz-Mateos, J.-C., Menéndez-Delmestre, K., Seibert, M., Kim, T., Mizusawa, T., Laurikainen, E., Salo, H., Laine, J., Athanassoula, E., Bosma, A.,

Buta, R.J., **Gadotti, D.A.**, Ho, L.C., Holwerda, B., Schinnerer, E., Zaritsky, D., 2011, ApJ, 738, L17 [\[ADS\]](#)

The effect of the environment on the H I scaling relations

Cortese, L., Catinella, B., Boissier, S., Boselli, A., & Heinis, S., 2011, MNRAS, 415, 1797 [\[ADS\]](#)

Grand Design and Flocculent Spirals in the Spitzer Survey of Stellar Structure in Galaxies (S4G)

Elmegreen, D.M., Elmegreen, B.G., Yau, A., Athanassoula, E., Bosma, A., Buta, R.J., Helou, G., Ho, L.C., **Gadotti, D.A.**, Knapen, J.H., Laurikainen, E., Madore, B.F., Masters, K.L., Meidt, S.E., Menéndez-Delmestre, K., Regan, M.W., Salo, H., Sheth, K., Zaritsky, D., Aravena, M., Skibba, R., Hinz, J.L., Laine, J., Gil de Paz, A., Muñoz-Mateos, J.-C., Seibert, M., Mizusawa, T., Kim, T., Erroz Ferrer, S., 2011, ApJ, 737, 32 [\[ADS\]](#)

The AMIGA sample of isolated galaxies. VIII. The rate of asymmetric H I profiles in spiral galaxies

Espada, D., Verdes-Montenegro, L., Huchtmeier, W.K., Sulentic, J., Verley, S., **Leon, S.**, & Sabater, J., 2011, A&A, 532, 117 [\[ADS\]](#)

Secular evolution and structural properties of stellar bars in galaxies

Gadotti, D.A., 2011, MNRAS, 415, 3308 [\[ADS\]](#)

Pre-main-sequence Stellar Populations across Shapley Constellation III. I. Photometric Analysis and Identification

Gouliermis, D.A., Dolphin, A.E., Robberto, M., Gruendl, R.A., Chu, Y.-H., Gennaro, M., Henning, T., **Rosa, M.**, Da Rio, N., Brandner, W., **Romaniello, M.**, De Marchi, G., Panagia, N., Zinnecker, H., 2011, ApJ, 738, 137 [\[ADS\]](#)

Galaxy and Mass Assembly (GAMA): the star formation rate dependence of the stellar initial mass function

Gunawardhana, M.L.P., Hopkins, A.M., Sharp, R.G., Brough, S., Taylor, E., Bland-Hawthorn, J., Maraston, C., Tuffs, R.J., Popescu, C.C., Wijesinghe, D., Jones, D.H., Croom, S., Sadler, E., Wilkins, S., Driver, S.P., **Liske, J.**, Norberg, P., Baldry, I.K., Bamford, S.P., Loveday, J., Peacock, J.A., Robotham, A.S.G., Zucker, D.B., Parker, Q.A., Conselice, C.J., Cameron, E., Frenk, C.S., Hill, D.T., Kelvin, L.S., Kuijken, K., Madore, B.F., Nichol, B., Parkinson, H.R., Pimbblet, K.A., Prescott, M., Sutherland, W.J., Thomas, D., & **van Kampen, E.**, 2011, MNRAS, 415, 1647 [\[ADS\]](#)

Scaling Relations and Overabundance of Massive Clusters at $z > \sim 1$ from Weak-lensing Studies with the Hubble Space Telescope

Jee, M.J., Dawson, K.S., Hoekstra, H., Perlmutter, S., **Rosati, P.**, Brodwin, M., Suzuki, N., Koester, B., Postman, M., Lubin, L., Meyers, J., Stanford, S.A., Barbary, K., Barrientos, F., Eisenhardt, P., Ford, H.C., Gilbank, D.G., Gladders, M.D., Gonzalez, A., Harris, D.W., Huang, X., Lidman, C., Rykoff, E.S., Rubin, D., & Spadafora, A.L., 2011, ApJ, 737, 59 [\[ADS\]](#)

Modelling the high-mass accretion rate spectra of GX 339-4: black hole spin from reflection?

Kolehmainen, M., Done, C., & **Díaz Trigo, M.**, 2011, MNRAS, 416, 311 [\[ADS\]](#)

Lyman alpha emission from the first galaxies: implications of UV backgrounds and the formation of molecules

Latif, M.A., **Schleicher, D.R.G.**, Spaans, M., & Zaroubi, S., 2011, A&A, 532, 66 [\[ADS\]](#)

The mass function of IC 4665 revisited by the UKIDSS Galactic Clusters Survey

Lodieu, N., **de Wit, W.-J.**, Carraro, G., Moraux, E., Bouvier, J., & Hambly, N.C., 2011, A&A, 532, 103 [\[ADS\]](#)

PACS Evolutionary Probe (PEP) - A Herschel key program

Lutz, D., Poglitsch, A., Altieri, B., **Andreani, P.**, Aussel, H., Berta, S., Bongiovanni, A., Brisbin, D., Cava, A., Cepa, J., Cimatti, A., Daddi, E., Dominguez-Sanchez, H., Elbaz, D., Förster Schreiber, N.M., Genzel, R., Grazian, A., Gruppioni, C., Harwit, M., Le Floch, E., Magdis, G., Magnelli, B., Maiolino, R., Nordon, R., Pérez García, A.M., Popesso, P., Pozzi, F., Riguccini, L., Rodighiero, G., Saintonge, A., Sanchez Portal, M., Santini, P., Shao, L., Sturm, E., Tacconi, L.J., Valtchanov, I., Wetzstein, M., & Wieprecht, E., 2011, A&A, 532, 90 [\[ADS\]](#)

On the Period Distribution of Cluster RR Lyrae Stars to Constrain Their Helium Content: The Case of ω Centauri

Marconi, M., **Bono, G.**, Caputo, F., Piersimoni, A.M., Pietrinferni, A., & Stellingwerf, R.F., 2011, ApJ, 738, 111 [\[ADS\]](#)

A Dim Candidate Companion to epsilon Cephei

Mawet, D., Mennesson, B., Serabyn, E., Stapelfeldt, K., & Absil, O., 2011, ApJ, 738, L12 [\[ADS\]](#)

Are small-scale substructures a universal property of galaxy haloes? The case of the giant elliptical NGC 5128

Mouhcine, M., Ibata, R., & **Rejkuba, M.**, 2011, MNRAS, 415, 993 [\[ADS\]](#)

At Last—A V777 Her Pulsator in the Kepler Field

Østensen, R.H., Bloemen, S., **Vučković, M.**, Aerts, C., Oreiro, R., Kinemuchi, K., Still, M., & Koester, D., 2011, ApJ, 736, L39 [\[ADS\]](#)

The effect of environment on star forming galaxies at redshift. I. First insight from PACS

Popesso, P., Rodighiero, G., Saintonge, A., Santini, P., Grazian, A., Lutz, D., Brusa, M., Altieri, B., **Andreani, P.**, Aussel, H., Berta, S., Bongiovanni, A., Cava, A., Cepa, J., Cimatti, A., Daddi, E., Dominguez, H., Elbaz, D., Förster Schreiber, N., Genzel, R., Gruppioni, C., Magdis, G., Maiolino, R., Magnelli, B., Nordon, R., Pérez García, A.M., Poglitsch, A., Pozzi, F., Riguccini, L., Sanchez-Portal, M., Shao, L., Sturm, E., Tacconi, L., Valtchanov, I., Wieprecht, E., & Wetzstein, M., 2011, A&A, 532, 145 [\[ADS\]](#)

The planetary nebulae population in the central regions of M32: the SAURON view

Sarzi, M., Mamon, G.A., Cappellari, M., **Emsellem, E.**, Bacon, R., Davies, R.L., & **de Zeeuw, P.T.**, 2011, MNRAS, 415, 2832 [[ADS](#)]

Binary Microlensing Event OGLE-2009-BLG-020 Gives Verifiable Mass, Distance, and Orbit Predictions

Skowron, J., Udalski, A., Gould, A., Dong, S., Monard, L.A.G., Han, C., Nelson, C.R., McCormick, J., Moorhouse, D., Thornley, G., Maury, A., **Bramich, D.M.**, Greenhill, J., Kozłowski, S., Bond, I., Poleski, R., Wyrzykowski, Ł., Ulaczyk, K., Kubiak, M., Szymański, M.K., Pietrzyński, G., Soszyński, I., OGLE Collaboration, O.C., Gaudi, B.S., Yee, J.C., Hung, L.-W., Pogge, R.W., DePoy, D.L., Lee, C.-U., Park, B.-G., Allen, W., Mallia, F., Drummond, J., Bolt, G., μ FUN Collaboration, μ C., Allan, A., Browne, P., Clay, N., Dominik, M., Fraser, S., Horne, K., **Kains, N.**, Mottram, C., Snodgrass, C., Steele, I., Street, R.A., Tsapras, Y., RoboNet Collaboration, R.C., Abe, F., Bennett, D.P., Botzler, C.S., Douchin, D., Freeman, M., Fukui, A., Furusawa, K., Hayashi, F., Hearnshaw, J.B., Hosaka, S., Itow, Y., Kamiya, K., Kilmartin, P.M., Korpela, A., Lin, W., Ling, C.H., Makita, S., Masuda, K., Matsubara, Y., Muraki, Y., Nagayama, T., Miyake, N., Nishimoto, K., Ohnishi, K., Perrott, Y.C., Rattenbury, N., Saito, T., Skuljan, L., Sullivan, D.J., Sumi, T., Suzuki, D., Sweatman, W.L., Tristram, P.J., Wada, K., Yock, P.C.M., MOA Collaboration, M.C., Beaulieu, J.-P., Fouqué, P., Albrow, M.D., Batista, V., **Brillant, S.**, Caldwell, J.A.R., Cassan, A., Cole, A., Cook, K.H., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Kane, S.R., **Kubas, D.**, Marquette, J.-B., Martin, R., Menzies, J., Sahu, K.C., Wambsganss, J., Williams, A., Zub, M., PLANET Collaboration, P.C., 2011, ApJ, 738, 87 [[ADS](#)]

Direct measurement of the magnification produced by galaxy clusters as gravitational lenses

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The Brightest Gamma-Ray Flaring Blazar in the Sky: AGILE and Multi-wavelength Observations of 3C 454.3 During 2010 November

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