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### Cosmology

#### [On the mass-metallicity relation, velocity dispersion, and gravitational well depth of GRB host galaxies](#)

**Arabsalmami, M., Møller, P.,** Fynbo, J.P.U., Christensen, L., **Freudling, W., Savaglio, S., & Zafar, T.,** 2015, MNRAS, 446, 990 [\[ADS\]](#)

*Instruments:* UVES

#### [X-shooter reveals powerful outflows in \$z \sim 1.5\$ X-ray selected obscured quasi-stellar objects](#)

Brusa, M., Bongiorno, A., Cresci, G., Perna, M., Marconi, A., **Mainieri, V.,** Maiolino, R., Salvato, M., Lusso, E., Santini, P., Comastri, A., Fiore, F., Gilli, R., Franca, F.L., Lanzuisi, G., Lutz, D., Merloni, A., Mignoli, M., Onori, F., Piconcelli, E., Rosario, D., Vignali, C., & Zamorani, G., 2015, MNRAS, 446, 2394 [\[ADS\]](#)

*Instruments:* XSHOOTER

#### [The SCUBA-2 Cosmology Legacy Survey: the submillimetre properties of Lyman-break galaxies at \$z = 3-5\$](#)

Coppin, K.E.K., Geach, J.E., Almaini, O., **Arumugam, V.,** Dunlop, J.S., Hartley, W.G., **Iverson, R.J.,** Simpson, C.J., Smith, D.J.B., Swinbank, A.M., Blain, A.W., Bourne, N., Bremer, M., Conselice, C., Harrison, C.M., Mortlock, A., Chapman, S.C., Davies, L.J.M., Farrah, D., Gibb, A., Jenness, T., Karim, A., Knudsen, K.K., Ibar, E., Michałowski, M.J., Peacock, J.A., Rigopoulou, D., Robson, E.I., Scott, D., Stevens, J., & van der Werf, P.P., 2015, MNRAS, 446, 1293 [\[ADS\]](#)

*Instruments:* VIMOS

#### [The mysterious optical afterglow spectrum of GRB 140506A at \$z = 0.889\$](#)

Fynbo, J.P.U., **Krühler, T.,** Leighly, K., **Ledoux, C.,** Vreeswijk, P.M., Schulze, S., Noterdaeme, P., Watson, D., Wijers, R.A.M.J., Bolmer, J., Cano, Z., Christensen, L., Covino, S., D'Elia, V., Flores, H., Friis, M., Goldoni, P., Greiner, J., Hammer, F., Hjorth, J., Jakobsson, P., Japelj, J., Kaper, L., Klose, S., Knust, F., Leloudas, G., Levan, A., Malesani, D., Milvang-Jensen, B., **Møller, P.,** Nicuesa Guelbenzu, A., Oates, S., Pian, E., Schady, P., Sparre, M., Tagliaferri, G., Tanvir, N., Thöne, C.C., de Ugarte Postigo, A., Vergani, S., Wiersema, K., Xu, D., & **Zafar, T.,** 2014, A&A, 572, A12 [\[ADS\]](#)

*Instruments:* VIS\_GROND, XSHOOTER

#### [Type Ia supernova spectral features in the context of their host galaxy properties](#)

Pan, Y.-C., Sullivan, M., **Maguire, K.,** Gal-Yam, A., Hook, I.M., Howell, D.A., & Nugent, P.E., Mazzali, P.A., 2015, MNRAS, 446, 354 [\[ADS\]](#)

*Instruments:* XSHOOTER

#### [A quiescent galaxy at the position of the long GRB 050219A](#)

Rossi, A., Piranomonte, S., **Savaglio, S.,** Palazzi, E., Michałowski, M.J., Klose, S., Hunt, L.K., Amati, L., Elliott, J., Greiner, J., Guidorzi, C., Japelj, J., Kann, D.A., Lo Faro, B., Nicuesa Guelbenzu, A., Schulze, S., Vergani, S.D., Arnold, L.A., Covino, S., D'Elia, V., Ferrero, P., Filgas, R., Goldoni, P., Küpcü Yoldaş, A., Le Borgne, D., Pian, E., Schady, P., & Stratta, G., 2014, A&A, 572, A47 [\[ADS\]](#)

*Instruments:* VIS\_GROND, XSHOOTER

#### [Galaxy And Mass Assembly \(GAMA\): deconstructing bimodality - I. Red ones and blue ones](#)

Taylor, E.N., Hopkins, A.M., Baldry, I.K., Bland-Hawthorn, J., Brown, M.J.I., Colless, M., Driver, S., Norberg, P., Robotham, A.S.G., Alpaslan, M., Brough, S., Cluver, M.E., Gunawardhana, M., Kelvin, L.S., **Liske, J.,** Conselice, C.J., Croom, S., Foster, C., Jarrett, T.H., Lara-Lopez, M., & Loveday, J., 2015, MNRAS, 446, 2144 [\[ADS\]](#)

*Instruments:* VIRCAM

#### [Properties of the Young Milky Way globular cluster Whiting 1 from near-infrared photometry](#)

Valcheva, A.T., Ovcharov, E.P., Lalova, A.D., Nedialkov, P.L., **Ivanov, V.D., & Carraro, G.,** 2015, MNRAS, 446,

730 [[ADS](#)]

*Instruments:* EFOSC2, EMMI

## Galaxies and Galactic Nuclei

### [VLT/FLAMES spectroscopy of red giant branch stars in the Fornax dwarf spheroidal galaxy](#)

Lemasle, B., de Boer, T.J.L., Hill, V., Tolstoy, E., Irwin, M.J., Jablonka, P., Venn, K., Battaglia, G., Starkenburg, E., Shetrone, M., Letarte, B., François, P., Helmi, A., **Primas, F., Kaufer, A., & Szeifert, T.**, 2014, *A&A*, 572, A88 [[ADS](#)]

*Instruments:* FLAMES, GIRAFFE

### [The Gaia-ESO Survey: the chemical structure of the Galactic discs from the first internal data release](#)

Mikolaitis, Š., Hill, V., Recio-Blanco, A., de Laverny, P., Allende Prieto, C., Kordopatis, G., Tautvaišiene, G., Romano, D., Gilmore, G., Randich, S., Feltzing, S., Micela, G., Vallenari, A., Alfaro, E.J., Bensby, T., Bragaglia, A., Flaccomio, E., Lanzafame, A.C., Pancino, E., **Smiljanic, R.**, Bergemann, M., **Carraro, G.**, Costado, M.T., Damiani, F., Hourihane, A., Jofré, P., Lardo, C., Magrini, L., Maiorca, E., Morbidelli, L., Sbordone, L., Sousa, S.G., Worley, C.C., & Zaggia, S., 2014, *A&A*, 572, A33 [[ADS](#)]

*Instruments:* FLAMES, GIRAFFE, UVES

### [Milky Way demographics with the VVV survey. III. Evidence for a great dark lane in the 157 million star bulge color-magnitude diagram](#)

Minniti, D., Saito, R.K., **Gonzalez, O.A.**, Zoccali, M., **Rejkuba, M.**, Alonso-García, J., Benjamin, R., Catelan, M., Dékány, I., Emerson, J.P., Hempel, M., Lucas, P.W., & Schultheis, M., 2014, *A&A*, 571, A91 [[ADS](#)]

*Instruments:* VIRCAM

### [The VMC Survey - XIII. Type II Cepheids in the Large Magellanic Cloud](#)

Ripepi, V., Moretti, M.I., Marconi, M., Clementini, G., Cioni, M.-R.L., de Grijs, R., Emerson, J.P., Groenewegen, M.A.T., **Ivanov, V.D.**, Muraveva, T., Piatti, A.E., Subramanian, S., 2015, *MNRAS*, 446, 3034 [[ADS](#)]

*Instruments:* VIRCAM

### [The Panchromatic High-Resolution Spectroscopic Survey of Local Group Star Clusters. I. General data reduction procedures for the VLT/X-shooter UVB and VIS arm](#)

Schönebeck, F., Puzia, T.H., Pasquali, A., Grebel, E.K., Kissler-Patig, M., **Kuntschner, H.**, Lyubenova, M., & Perina, S., 2014, *A&A*, 572, A13 [[ADS](#)]

*Instruments:* XSHOOTER

### [Understanding the Unique Assembly History of Central Group Galaxies](#)

Vulcani, B., Bundy, K., Lackner, C., Leauthaud, A., Treu, T., Mei, S., **Coccatto, L.**, Kneib, J.P., Auger, M., & Nipoti, C., 2014, *ApJ*, 797, 62 [[ADS](#)]

*Instruments:* FORS2

## Interstellar Medium, Star Formation and Planetary Systems

### [Spectral variability of Charon's 2.21- \$\mu\text{m}\$ feature](#)

DeMeo, F.E., **Dumas, C.**, Cook, J.C., Carry, B., Merlin, F., Verbiscer, A.J., & Binzel, R.P., 2015, *Icar*, 246, 213 [[ADS](#)]

*Instruments:* SINFONI

### [ATLASGAL-selected massive clumps in the inner Galaxy. I. CO depletion and isotopic ratios](#)

Giannetti, A., Wyrowski, F., Brand, J., Csengeri, T., Fontani, F., Walmsley, C.M., Nguyen Luong, Q., Beuther, H., **Schuller, F.**, Güsten, R., & Menten, K.M., 2014, *A&A*, 570, A65 [[ADS](#)]

*Instruments:* FLASH, LABOCA, SHFI

### [Investigating the inner discs of Herbig Ae/Be stars with CO bandhead and Bry emission](#)

Ilee, J.D., Fairlamb, J., Oudmaijer, R.D., Mendigutía, I., **van den Ancker, M.E.**, Kraus, S., & Wheelwright, H.E., 2014, *MNRAS*, 445, 3723 [[ADS](#)]

*Instruments:* CRIFES, XSHOOTER

### [Diversity of chemistry and excitation conditions in the high-mass star forming complex W33](#)

Immer, K., **Galván-Madrid, R.**, König, C., Liu, H.B., & Menten, K.M., 2014, A&A, 572, A63 [[ADS](#)]  
*Instruments:* FLASH, LABOCA

### [Discovery of a new Y dwarf: WISE J030449.03-270508.3](#)

Pinfield, D.J., Gromadzki, M., Leggett, S.K., Gomes, J., Lodieu, N., Kurtev, R., Day-Jones, A.C., Ruiz, M.T., Cook, N.J., Morley, C.V., Marley, M.S., Marocco, F., Smart, R.L., Jones, H.R.A., Lucas, P.W., Beletsky, Y., **Ivanov, V.D.**, Burningham, B., Jenkins, J.S., Cardoso, C., Frith, J., Clarke, J.R.A., Gálvez-Ortiz, M.C., & Zhang, Z., 2014, MNRAS, 444, 1931 [[ADS](#)]  
*Instruments:* SOFI

### [The VISTA Carina Nebula Survey . I. Introduction and source catalog](#)

Preibisch, T., Zeidler, P., Ratzka, T., Roccatagliata, V., & **Petr-Gotzens, M.G.**, 2014, A&A, 572, A116 [[ADS](#)]  
*Instruments:* VIRCAM

## Stellar Evolution

### [FORS2/VLT survey of Milky Way globular clusters. I. Description of the method for derivation of metal abundances in the optical and application to NGC 6528, NGC 6553, M 71, NGC 6558, NGC 6426, and Terzan 8](#)

**Dias, B.**, Barbuy, B., **Saviane, I.**, Held, E.V., Da Costa, G.S., Ortolani, S., **Vasquez, S.**, Gullieuszik, M., & Katz, D., 2015, A&A, 573, A13 [[ADS](#)]  
*Instruments:* FORS2

### [B fields in OB stars \(BOB\): on the detection of weak magnetic fields in the two early B-type stars beta CMa and epsilon CMa](#)

Fossati, L., Castro, N., Morel, T., Langer, N., Briquet, M., Carroll, T.A., Hubrig, S., Nieva, M.F., Oskinova, L.M., Przybilla, N., Schneider, F.R.N., **Scholler, M.**, Simon-Diaz, S., Ilyin, I., de Koter, A., Reisenegger, A., Sana, H., & the BOB collaboration, t.B.c., 2014, arXiv, 1411, 6490 [[ADS](#)]  
*Instruments:* HARPS

### [Short time-scale frequency and amplitude variations in the pulsations of an roAp star: HD 217522](#)

Medupe, R., Kurtz, D.W., Elkin, V.G., Mguda, Z., & **Mathys, G.**, 2015, MNRAS, 446, 1347 [[ADS](#)]  
*Instruments:* UVES

### [Spinning Like a Blue Straggler: The Population of Fast Rotating Blue Straggler Stars in \$\omega\$ Centauri](#)

Mucciarelli, A., Lovisi, L., Ferraro, F.R., Dalessandro, E., Lanzoni, B., & **Monaco, L.**, 2014, ApJ, 797, 43 [[ADS](#)]  
*Instruments:* FLAMES, GIRAFFE

### [Resolving the stellar components of the massive multiple system Herschel 36 with AMBER/VLTI](#)

**Sanchez-Bermudez, J.**, Alberdi, A., Schödel, R., **Hummel, C.A.**, Arias, J.I., Barbá, R.H., Maíz Apellániz, J., & Pott, J.-U., 2014, A&A, 572, L1 [[ADS](#)]  
*Instruments:* AMBER

### [The Hydrogen-poor Superluminous Supernova iPTF 13ajq and its Host Galaxy in Absorption and Emission](#)

Vreeswijk, P.M., **Savaglio, S.**, Gal-Yam, A., De Cia, A., Quimby, R.M., Sullivan, M., Cenko, S.B., Perley, D.A., Filippenko, A.V., Clubb, K.I., Taddia, F., Sollerman, J., Leloudas, G., Arcavi, I., Rubin, A., Kasliwal, M.M., Cao, Y., Yaron, O., Tal, D., Ofek, E.O., Capone, J., Kutyrev, A.S., Toy, V., Nugent, P.E., Laher, R., Surace, J., & Kulkarni, S.R., 2014, ApJ, 797, 24 [[ADS](#)]  
*Instruments:* XSHOOTER

## Miscellaneous

### [Exploring the spatial, temporal, and vertical distribution of methane in Pluto's atmosphere](#)

Lellouch, E., de Bergh, C., Sicardy, B., Forget, F., Vangvichith, M., & **Käufel, H.-U.**, 2015, Icar, 246, 268 [[ADS](#)]

### [ALMA sub-mm maser and dust distribution of VY Canis Majoris](#)

Richards, A.M.S., Impellizzeri, C.M.V., **Humphreys, E.M.**, **Vlahakis, C.**, Vlemmings, W., Baudry, A., De Beck, E., Decin, L., Etoke, S., Gray, M.D., Harper, G.M., Hunter, T.R., Kervella, P., Kerschbaum, F., McDonald, I., Melnick,

G., Muller, S., Neufeld, D., O’Gorman, E., Parfenov, S.Y., Peck, A.B., Shinnaga, H., Sobolev, A.M., **Testi, L.**, Uscanga, L., Wootten, A., Yates, J.A., & Zijlstra, A., 2014, A&A, 572, L9 [[ADS](#)]  
*Instruments:* ALMA\_Bands, ALMA\_Bands, ALMA\_Bands, ALMA\_Bands

## Papers without ESO data

### The SAMI Galaxy Survey: Early Data Release

Allen, J.T., Croom, S.M., Konstantopoulos, I.S., Bryant, J.J., Sharp, R., Cecil, G.N., Fogarty, L.M.R., Foster, C., Green, A.W., Ho, I.-T., Owers, M.S., Schaefer, A.L., Scott, N., Bauer, A.E., Baldry, I., Barnes, L.A., Bland-Hawthorn, J., Bloom, J.V., Brough, S., Colless, M., Cortese, L., Couch, W.J., Drinkwater, M.J., Driver, S.P., Goodwin, M., Gunawardhana, M.L.P., Hampton, E.J., Hopkins, A.M., Kewley, L.J., Lawrence, J.S., Leon-Saval, S.G., **Liske, J.**, López-Sánchez, Á.R., Lorente, N.P.F., McElroy, R., Medling, A.M., Mould, J., Norberg, P., Parker, Q.A., Power, C., Pracy, M.B., Richards, S.N., Robotham, A.S.G., Sweet, S.M., Taylor, E.N., Thomas, A.D., Tonini, C., Walcher, C.J., 2015, MNRAS, 446, 1567 [[ADS](#)]

### Photometric and spectroscopic observations, and abundance tomography modelling of the Type Ia supernova SN 2014J located in M82

Ashall, C., Mazzali, P., Bersier, D., Hachinger, S., Phillips, M., Percival, S., James, P., & **Maguire, K.**, 2014, MNRAS, 445, 4424 [[ADS](#)]

### Extending the supernova Hubble diagram to $z \sim 1.5$ with the Euclid space mission

Astier, P., Balland, C., Brescia, M., Cappellaro, E., Carlberg, R.G., Cavuoti, S., Della Valle, M., Gangler, E., Goobar, A., Guy, J., Hardin, D., Hook, I.M., Kessler, R., Kim, A., Linder, E., Longo, G., **Maguire, K.**, Mannucci, F., Mattila, S., Nichol, R., Pain, R., Regnault, N., Spiro, S., Sullivan, M., Tao, C., Turatto, M., Wang, X.F., & Wood-Vasey, W.M., 2014, A&A, 572, A80 [[ADS](#)]

### Overview of the SDSS-IV MaNGA Survey: Mapping nearby Galaxies at Apache Point Observatory

Bundy, K., Bershad, M.A., Law, D.R., Yan, R., Drory, N., MacDonald, N., Wake, D.A., Cherinka, B., Sánchez-Gallego, J.R., Weijmans, A.-M., Thomas, D., Tremonti, C., Masters, K., **Coccatto, L.**, Diamond-Stanic, A.M., Aragón-Salamanca, A., Avila-Reese, V., Badenes, C., Falcón-Barroso, J., Belfiore, F., Bizyaev, D., Blanc, G.A., Bland-Hawthorn, J., Blanton, M.R., Brownstein, J.R., Byler, N., Cappellari, M., Conroy, C., Dutton, A.A., **Emsellem, E.**, Etherington, J., Frinchaboy, P.M., Fu, H., Gunn, J.E., Harding, P., Johnston, E.J., Kauffmann, G., Kinemuchi, K., Klaene, M.A., Knapen, J.H., Leauthaud, A., Li, C., Lin, L., Maiolino, R., Malanushenko, V., Malanushenko, E., Mao, S., Maraston, C., McDermid, R.M., Merrifield, M.R., Nichol, R.C., Oravetz, D., Pan, K., Parejko, J.K., Sanchez, S.F., Schlegel, D., Simmons, A., Steele, O., Steinmetz, M., Thanjavur, K., Thompson, B.A., Tinker, J.L., van den Bosch, R.C.E., Westfall, K.B., Wilkinson, D., Wright, S., Xiao, T., Zhang, K., 2015, ApJ, 798, 7 [[ADS](#)]

### The Thickening of the Thin Disk in the Third Galactic Quadrant

**Carraro, G.**, Vázquez, R.A., Costa, E., Ahumada, J.A., & Giorgi, E.E., 2015, AJ, 149, 12 [[ADS](#)]

### Are Dusty Galaxies Blue? Insights on UV Attenuation from Dust-selected Galaxies

Casey, C.M., Scoville, N.Z., Sanders, D.B., Lee, N., Cooray, A., Finkelstein, S.L., Capak, P., Conley, A., De Zotti, G., Farrah, D., Fu, H., Le Floc’h, E., Ilbert, O., **Iverson, R.J.**, & Takeuchi, T.T., 2014, ApJ, 796, 95 [[ADS](#)]

### Supernova dust formation and the grain growth in the early universe: the critical metallicity for low-mass star formation

Chiaki, G., Marassi, S., Nozawa, T., Yoshida, N., Schneider, R., Omukai, K., **Limongi, M.**, & Chieffi, A., 2015, MNRAS, 446, 2659 [[ADS](#)]

### XMM-Newton observations reveal the disappearance of the wind in 4U 1630-47

**Díaz Trigo, M.**, Migliari, S., Miller-Jones, J.C.A., & Guainazzi, M., 2014, A&A, 571, A76 [[ADS](#)]

### The interplay between a galactic bar and a supermassive black hole: nuclear fuelling in a subparsec resolution galaxy simulation

**Emsellem, E.**, Renaud, F., Bournaud, F., Elmegreen, B., Combes, F., & Gabor, J.M., 2015, MNRAS, 446, 2468 [[ADS](#)]

### How Dead are Dead Galaxies? Mid-infrared Fluxes of Quiescent Galaxies at Redshift $0.3 < z < 2.5$ : Implications for Star Formation Rates and Dust Heating

Fumagalli, M., Labbé, I., Patel, S.G., Franx, M., van Dokkum, P., **Brammer, G.**, da Cunha, E., Förster Schreiber,

N.M., Kriek, M., Quadri, R., Rix, H.-W., Wake, D., Whitaker, K.E., Lundgren, B., Marchesini, D., Maseda, M., Momcheva, I., Nelson, E., Pacifici, C., Skelton, R.E., 2014, ApJ, 796, 35 [\[ADS\]](#)

**Nearby supernova host galaxies from the CALIFA Survey. I. Sample, data analysis, and correlation to star-forming regions**

Galbany, L., Stanishev, V., Mourão, A.M., **Rodrigues, M.**, Flores, H., García-Benito, R., Mast, D., Mendoza, M.A., Sánchez, S.F., Badenes, C., Barrera-Ballesteros, J., Bland-Hawthorn, J., Falcón-Barroso, J., García-Lorenzo, B., Gomes, J.M., González Delgado, R.M., Kehrig, C., Lyubenova, M., López-Sánchez, A.R., de Lorenzo-Cáceres, A., Marino, R.A., Meidt, S., Mollá, M., Papaderos, P., Pérez-Torres, M.A., Rosales-Ortega, F.F., & van de Ven, G., 2014, A&A, 572, A38 [\[ADS\]](#)

**The power of relativistic jets is larger than the luminosity of their accretion disks**

Ghisellini, G., Tavecchio, F., Maraschi, L., Celotti, A., & **Sbarrato, T.**, 2014, Natur, 515, 376 [\[ADS\]](#)

**Dust and Gas in the Magellanic Clouds from the HERITAGE Herschel Key Project. I. Dust Properties and Insights into the Origin of the Submillimeter Excess Emission**

Gordon, K.D., Roman-Duval, J., Bot, C., Meixner, M., Babler, B., Bernard, J.-P., Bolatto, A., Boyer, M.L., Clayton, G.C., Engelbracht, C., Fukui, Y., **Galametz, M.**, Galliano, F., Hony, S., Hughes, A., Indebetouw, R., Israel, F.P., Jameson, K., Kawamura, A., Lebouteiller, V., Li, A., Madden, S.C., Matsuura, M., Misselt, K., Montiel, E., Okumura, K., Onishi, T., Panuzzo, P., Paradis, D., Rubio, M., Sandstrom, K., Sauvage, M., Seale, J., Sewilo, M., Tchernyshyov, K., Skibba, R., 2014, ApJ, 797, 85 [\[ADS\]](#)

**Galaxy And Mass Assembly (GAMA): the halo mass of galaxy groups from maximum-likelihood weak lensing**

Han, J., Eke, V.R., Frenk, C.S., Mandelbaum, R., Norberg, P., Schneider, M.D., Peacock, J.A., Jing, Y., Baldry, I., Bland-Hawthorn, J., Brough, S., Brown, M.J.I., **Liske, J.**, Loveday, J., & Robotham, A.S.G., 2015, MNRAS, 446, 1356 [\[ADS\]](#)

**Late-time spectral line formation in Type IIb supernovae, with application to SN 1993J, SN 2008ax, and SN 2011dh**

Jerkstrand, A., Ergon, M., Smartt, S.J., Fransson, C., Sollerman, J., Taubenberger, S., Bersten, M., & **Spyromilio, J.**, 2015, A&A, 573, A12 [\[ADS\]](#)

**The long-period Galactic Cepheid RS Puppis. III. A geometric distance from HST polarimetric imaging of its light echoes**

Kervella, P., Bond, H.E., Cracraft, M., Szabados, L., **Breitfelder, J.**, **Mérand, A.**, Sparks, W.B., Gallenne, A., Bersier, D., Fouqué, P., & Anderson, R.I., 2014, A&A, 572, A7 [\[ADS\]](#)

**A Spectroscopic Sample of Massive, Quiescent  $z \sim 2$  Galaxies: Implications for the Evolution of the Mass-Size Relation**

**Krogager, J.-K.**, Zirm, A.W., Toft, S., & Man, A., Brammer, G., 2014, ApJ, 797, 17 [\[ADS\]](#)

**Chandra survey in the AKARI North Ecliptic Pole Deep Field - I. X-ray data, point-like source catalogue, sensitivity maps, and number counts**

**Krumpe, M.**, Miyaji, T., Brunner, H., Hanami, H., Ishigaki, T., Takagi, T., Markowitz, A.G., Goto, T., Malkan, M.A., Matsuhara, H., Pearson, C., Ueda, Y., & Wada, T., 2015, MNRAS, 446, 911 [\[ADS\]](#)

**CARMA Large Area Star Formation Survey: Structure and Kinematics of Dense Gas in Serpens Main**

Lee, K.I., Fernández-López, M., Storm, S., Looney, L.W., Mundy, L.G., Segura-Cox, D., Teuben, P., Rosolowsky, E., Arce, H.G., Ostriker, E.C., Shirley, Y.L., Kwon, W., Kauffmann, J., Tobin, J.J., Plunkett, A.L., Pound, M.W., Salter, D.M., Volgenau, N.H., Chen, C.-Y., Tassis, K., Isella, A., Crutcher, R.M., Gammie, C.F., **Testi, L.**, 2014, ApJ, 797, 76 [\[ADS\]](#)

**Quantifying the Heating Sources for Mid-infrared Dust Emissions in Galaxies: The Case of M 81**

Lu, N., Bendo, G.J., Boselli, A., Baes, M., Wu, H., Madden, S.C., De Looze, I., Rémy-Ruyer, A., Boquien, M., Wilson, C.D., **Galametz, M.**, Lam, M.I., Cooray, A., Spinoglio, L., & Zhao, Y., 2014, ApJ, 797, 129 [\[ADS\]](#)

**AGB populations in post-starburst galaxies**

**Melnick, J.**, & De Propris, R., 2014, A&A, 572, A5 [\[ADS\]](#)

### **Constraining the Exozodiacal Luminosity Function of Main-sequence Stars: Complete Results from the Keck Nulder Mid-infrared Surveys**

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### **The H i hole and AGB stellar population of the Sagittarius dwarf irregular galaxy . HST proper-motion decontamination**

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### **Dust correction factors over $0 < z < 3$ in massive star-forming galaxies derived from a stacking analysis of Herschel data**

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### **Planck 2013 results. I. Overview of products and scientific results**

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### **Dust and Gas in the Magellanic Clouds from the HERITAGE Herschel Key Project. II. Gas-to-dust Ratio Variations across Interstellar Medium Phases**

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### **Dissecting galactic bulges in space and time - I. The importance of early formation scenarios versus secular evolution**

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### **The SAMI Galaxy Survey: cubism and covariance, putting round pegs into square holes**

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### **Galaxy Zoo: CANDELS barred discs and bar fractions**

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**HST hot-Jupiter transmission spectral survey: detection of potassium in WASP-31b along with a cloud deck and Rayleigh scattering**

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**The timing and location of dust formation in the remnant of SN 1987A**

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**Performance of the VLT Planet Finder SPHERE. I. Photometry and astrometry precision with IRDIS and IFS in laboratory**

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**ALMA Imaging of Gas and Dust in a Galaxy Protocluster at Redshift 5.3: [C II] Emission in "Typical" Galaxies and Dusty Starbursts  $\approx 1$  Billion Years after the Big Bang**

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