

München

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1 Personal und Ausstattung

1.1 Personalstand

Lehrstühle:

Prof. Dr. Dr.habil. R. Bender [-6001], Prof. Dr. Dr.habil. A. Burkert [-5992], Prof. Dr. J. Mohr [-5967]

Professoren und Privatdozenten:

Prof. Dr. Dr.habil. R. Bender [-6001], Prof. Dr. Dr.habil. A. Burkert [-5992], PD Dr. Dr.habil. K. Butler [-6018], PD Dr. Dr.habil. K. Dolag [-5994], Prof. Dr. B. Ercolano [-6974], Prof. i.R. Dr. Dr.habil. T. Gehren [-6035], Prof. Dr. Dr.habil. H. Lesch [-6007], Prof. Dr. J. Mohr [-5967], Prof. Dr. Dr.habil. A.W.A. Pauldrach [-6021], Prof. Dr. T. Preibisch [-6016], PD Dr. Dr.habil. J. Puls [-6022], PD Dr. Dr.habil. R.P. Saglia [-5998] (MPE), Prof. Dr. J. Weller [-5976]

Wissenschaftliche Mitarbeiter:

Dr. C. Alig [-5991], Dr. P. Atreya, Dr. I. Balestra [-9298], Dr. H. Barwig [-5974], Dr. F. Beaujean, Dr. A. Beck [-6031], Dr. A. Beifiori [-6017](MPE), Dr. S. Bocquet [-6949], Dr. A. Bode (MPE), Dr. F. Brimioulle [-5978](USM), Dr. A. Brucalassi[-5983](MPE), Dr. M. Cadolle Bel[-5942], Dr. M. Costanzi [5989](TR33), Dr. J. Dale [-9279](EXC), Dr. S. Desai [-6949], Dr. J. Dietrich [-5942], Dr. P. Erwin (MPE), Dr. K. Fierlinger (MPE), Dr. R. Gabler [-6019], Dr. C. Gössl [-5972], Dr. M. Goto Egner [-6973](DFG), Dr. M. Gritschneider [-6986](AvH,DFG), Dr. D. Grün [-6975] Dr. F. Grupp [-6005], Dr. R. Häfner [-6012], Dr. N. Hamaus [-9294], Dr. R. Henderson [-5918], Dr. T. Hoffmann [-6024], Dr. D. Hubber [-9279](EXC), Dr. U. Hopp [-5997], Dr. B. Hoyle [-5989], Dr. M. Ilgner [-9280](DFG), Dr. M. Killedar [-6885](DFG), Dr. M. Klein [-6006], Dr. J. Koppenhöfer [-5995], Dr. M. Krause (MPE), Dr. M. Kümmel [-5993], Dr. C. Lee [-6975](MPE), Dr. G.-X. Li [-6030] (DFG), Dr. X. Mazzalay (MPE), Dr. J. T. Mendel (MPE), Dr. M. Mirkazemi, Dr. A. Monna [-5983](MPE), Dr. F. Montesano (MPE), Dr. J. Müller [-6007], Dr. B. Muschielok [-5968], Dr. J. Ngoumou [-6029](DFG), Dr. G. Ogiya [-9284], Dr. K. Paech [-5895](EXC), Dr. M. Panella [-6006], Dr. M. Petkova, Dr. D. Rapetti [6949], Dr. R. Remus [6986], Dr. A. Riffeser

[-5973], Dr. V. Roccatagliata [-6973](DLR), Dr. A. Sanchez (MPE), Dr. A. Saro [-6034], Dr. S. Seitz [-5996], Dr. J. Snigula [-6027](MPE), Dr. V. Strazzullo [-6033], Dr. J. Thomas (MPE), Dr. M. Trevor (MPE), Dr. T. Vassallo [5918], Dr. L. Wang [-5983](MPE), Dr. M. Wetzstein [-5918], Dr. D. Wilman [5998](DFG),

Doktoranden:

MSci A. Arth [-5847](MPE), MSci A. Ballone (EXC), Dipl.-Phys. M. Behrendt (MPE), MSci S. Bocquet, MSci R. Capasso [-6029], MSci M. Cappetta (MPE), MSci L.P. Carneiro [-6029], MSci J. Chan (MPE), MSci I. Chiu [-6023], MSci N. Cibirka [-5982], MSci F. Finozzi (MPE), MSci M. Fossati (DFG), MSci O. Friedrich [-5978](TR33), Dipl.-Phys. B. Gaczkowski [-5991](DFG), MSci D. Gangkofner [-6029], MSci S. Grandis [-6029], MSci J. Grieb (TR33), MSci N. Gupta [-6023], MSci M. Häuser [-5846](BMBF), MSci S. Hagstotz [-5987](EXC), MSci S. Heigl [-5970], MSci L. Hennicker [-6004](DFG), MSci C. Hennig [-6029], MSci M. Imgrund [-5990](MPIFR), MSci H. Kellermann [-5983](MPE), MSci M. Kluge [-5981](MPE), MSci M. Kodric [-6975](EXC), Dipl.-Phys. R. Kosyra Dipl.-Phys. D. Kröll (DFG), MSci S. Kulkarni (MPE), MSci F. Niederhofer [-5970](EXC), MSci C. Obermeier [-5981] (MPIA), MSci M. Opitsch (EXC), MSci G. Pollina [-5987](EXC), MSci A. Ragagnin[-5979], MSci M.M. Rau [-5978](TR33), MSci K. Sandesh (MPE), MSci S. Salazar (TR33), MSci P. Schneider [-6029](EXC), MSci F. Schulze [6968](DFG), MSci N. Song [-5982], MSci L. Steinborn [-5990](TR33), MSci M. Tazzari (ESO), MSci A. Teklu [-6968](EXC), MSci T. Tutis [-5987](MPE), Dipl.-Phys. J. Weber[-6030](DFG), Dipl.-Phys. M. Zintl [-5991](EXC)

Diplomanden und Masteranden:

R. Augustin [-5982], R. Bolze, S. Fleischlen [-5991], P. Förster [-5990], R. Franz [-5979], K. Gawlik [-5983], E. Amazo Gomez [-5977], D. Grebenyuk [-5978], S. Hammer [-5979], J. Kaminski [-5979], Z. Keszthelyi [-5979], P. Luppe [-5981], N. Konrad [-5979], J. Link [-5979], M. Lippich-Golobart, M. März [-5977], D. Mehmedov [-5979], E. Mevius [-5979], L. Mirzaghali [-6885], L. Porth [-5982], D. Röhner [-6986], R. Rehmann [-5982], G. Sauerwein[-5979], F. Schlagintweit [-5982], J. Selig [-5977], F. Semrau [-6968], T. Simm [-3819], J. Stücker [-5979], S. Styrnik [-5970], G. Temple [5979], T. V. Varga [-5982], R. Zitlau [-6004], V. Zivkov [-5991]

Technisches Personal und Softwareentwickler:

Dipl.-Phys. A. Bohnet (MPE), K. Gawlik [-5982], M. Gillhuber (MPE), Dipl.-Ing.(FH) H.J. Hess [-6010], MSci. M. Häuser [5846] (BMBF), A. Karasz [-5986], Dipl.-Ing.(FH) H. Kravcar [-5971] (BMBF), Dipl. Phys F. Lang-Bardl [-6965], Dipl.-Phys. J. Richter [-6013] (BMBF), Dr. J. Schlichter [-6011] (BMBF), L. Schneiders-Fesl [-6025], M. Siedschlag [-5970], Dipl.-Phys. M. Wegner [-6020] (BMBF), P. Well [-5988]

Observatorium Wendelstein:

Dipl.-Geophys. W. Mitsch [08023/8198-0], C. Ries [08023/8198-0], M. Schmidt [08023/8198-0]

Sekretariat und Verwaltung:

N. Auer [-6095], S. Grötsch [-6001], I. Holzinger [-5869], U. Le Guay [-6000], G. Niggel [5869]

1.2 Personelle Veränderungen

Ausgeschieden:

P. Atreya (31.10.2015), M. Cadolle (10.04.2015), S. Desai (31.12.2015), P. Erwin (31.03.2015), M. Goto Egner (14.01.2015), D. Grün (30.11.2015), R. Henderson (31.07.2015), C. Hennig (31.07.2015), I. Holzinger (30.06.2015), M. Ilgner (28.02.2015), M. Killedar (31.07.2015), R. Kosyra (01.05.2015), C. Lee (09.04.2015), B. Muschielok (31.07.2015), K. Sandesh (31.10.2015), T. Simm (31.7.2015)

Neueinstellungen und Änderungen des Anstellungsverhältnisses:

A. Arth (15.02.2015), I. Balestra (01.06.2015), R. Bolze (01.11.2015), F. Brimiouille (15.09.2015), M. Costanzi (01.01.2015), M. Gillhuber (01.08.2015), S. Grandis (01.10.2015), F. Grupp (01.10.2015), N. Hamaus (01.06.2015), H. Kellermann (16.03.2015), M. Kluge (01.11.2015), M. Kodric (01.07.2015), L. Wang (01.10.2015), M. Mirkazemi (01.08.2015), A. Monna (01.01.2015), G. Niggl (07.04.2015), K. Paech (01.01.2015), D. Rapetti (01.11.2015), N. Song (24.08.2015), T. Tutis (01.01.2015), T. Vassallo (01.12.2015)

2 Lehrtätigkeit und Prüfungen

2.1 Lehrtätigkeiten

Vertreten durch Prof. Dr. R. Bender, Prof. Dr. A. Burkert, PD Dr. K. Butler, Prof. Dr. B. Ercolano, Prof. Dr. H. Lesch, Prof. Dr. J. Mohr, Prof. Dr. A.W.A. Pauldrach, Prof. Dr. Th. Preibisch, PD Dr. J. Puls, PD Dr. R.P. Saglia, und Prof. Dr. J. Weller, wurde die Lehre im Gebiet der Physik, Astronomie und Astrophysik an der LMU-München (incl. IMPRS) durchgeführt.

2.2 Prüfungen

Es wurden 21 Naturwissenschaftliche Vorprüfungen in Zahmedizin, 23 Bachelorprüfungen in Physik, 43 Promotionsprüfungen in Physik und 8 Habilitationen in Physik und Astronomie abgenommen.

3 Wissenschaftliche Arbeiten

3.1 Kosmologie und Strukturbildung

- Beobachtung und Untersuchung der Struktur, Dynamik und Entwicklung des Universums.
(J. Dietrich, J. Mohr, A. Saro, V. Strazzullo)
- Kosmologische Beobachtungen und Untersuchungen zur Expansionsgeschichte des Universums sowie zur Bildung großräumiger Strukturen.
(J. Weller, R. Bender, S. Seitz, A. Pauldrach, T. Hoffmann)
- Untersuchungen zur Ionisierungsgeschichte des Universums mit Hilfe der kosmischen Hintergrundstrahlung.
(J. Weller)
- Untersuchung und kosmologische Beobachtung der Dunklen Energie und modifizierter Gravitation.
(J. Weller, S. Seitz, R. Bender)

3.2 Extragalaktische Astronomie

- Beobachtungen und Untersuchungen der Struktur, Dynamik und Entwicklung von Galaxien und Galaxienhaufen unter Berücksichtigung von Dunkler Energie, Dunkler Materie, Gravitationslinsen und Schwarzen Löchern.
(R. Bender, R.P. Saglia, S. Seitz, U. Hopp, J. Weller)
- Numerische Simulationen zur Entstehung und Entwicklung von Galaxien, Galaxiengruppen und -haufen und Strukturbildung.
(A. Burkert, K. Dolag, J. Weller)

3.3 Sterne und Planeten

- Suche nach extrasolaren Planeten.
(R. Bender, R.P. Saglia)
- Numerische Simulationen zur Stern- und Planetenentstehung und zur chemischen Entwicklung protoplanetarischer Scheiben.
(B. Ercolano, A. Burkert)
- Beobachtungen von Sternen sowie Untersuchungen zu deren Struktur, Entstehung, Entwicklung und Endphasen.
(A. Burkert, T. Preibisch, B. Ercolano, A. Pauldrach, J. Puls, K. Butler, T. Hoffmann, A. Riffeser, R. Bender, S. Seitz, U. Hopp, C. Gössl)

3.4 Plasma-Astrophysik

- Untersuchungen zur Dynamik von Magnetfeldern in ionisierten Plasmen mit Staub und Neutralgas.
(H. Lesch, K. Dolag)

3.5 Instrumentenentwicklung

- Entwicklung von Spektrographen sowie Instrumenten-Bau für moderne Teleskope.
(R. Bender, B. Muschielok, A. Hess, F. Grupp, C. Gössl, F. Lang, U. Hopp)
- Betrieb des Wendelsteinobservatoriums durch zwei Teleskope mit 2m und 40cm Hauptspiegeldurchmesser.
(R. Bender, U. Hopp, W. Mitch, A. Riffeser, C. Gössl, F. Lang, C. Ries, M. Schmidt)
- Entwicklung von Algorithmen und Software für die ESA Euclid Mission
(P. Atreya, S. Desai, M. Kuemmel, J. Mohr, T. Vassallo, M. Wetzstein)

4 Masterarbeiten, Diplomarbeiten, Dissertationen, Habilitationen

4.1 Masterarbeiten, Diplomarbeiten

Abgeschlossen:

- Gawlik, Karina: Prototyp eines Solar Trackers für hochauflösende spektroskopische Untersuchungen. München, USM, Masterarbeit, 2015
- Hennicker, Levin: Multi-D radiative transfer in winds of hot stars. München, USM, Masterarbeit, 2015
- Kellermann, Hanna: Entwicklung und Test von Kalibrierungs- und Optimierungsoptionen für den hochauflösenden Echelle-Spektrographen FOCES. München, USM, Masterarbeit, 2015
- Keszthelyi, Zsolt: The Impact of Mass Loss on the Early Evolution of Massive Stars. München, USM, Masterarbeit, 2015
- Kluge, Mathias: Photometrie und Kinematik von cD Galaxien. München, USM, Masterarbeit, 2015
- Lippich, Martha: The impact of inverse bias weighting on redshift-space distortion measurements. München, USM, Masterarbeit, 2015
- Rahner, Daniel: Formation of fast rotating elliptical galaxies by multiple minor mergers. München, USM, Masterarbeit, 2015
- Schulze, Felix: Kinematics of Early-Type Galaxies in the Magneticum Pathfinder Simulations. München, USM, Masterarbeit, 2015
- Selig, Judith: Analyse von Submillimeter- und Ferninfrarot-Daten des Carinanebels und Gum 31, USM, Masterarbeit, 2015

- Semrau, Florian: Stellar distribution of central galaxies and intra cluster light in simulated galaxy clusters. München, USM, Masterarbeit, 2015
- Simm, Torben: AGN optical variability in the PAN-STARRS1 survey. München, USM, Masterarbeit, 2015
- Stuecker, Jens: Modelling Warm Dark Matter in Cosmological Simulations. München, USM, Masterarbeit, 2015
- Styrnik, Szymon: Dark Matter Halos in Voids. München, USM, Masterarbeit, 2015
- Zitlau, Roman: Maschinelles Lernen zur Berechnung photometrischer Rotverschiebungen angewendet auf SDSS Galaxie. München, USM, Masterarbeit, 2015
- Zivkov, Viktor: Determination of the cloud structure of the Carina Nebula Complex by the reddening of background stars in the near infrared, USM, Masterarbeit, 2015

4.2 Dissertationen

Abgeschlossen:

- Bocquet, Sebastian: Galaxy Cluster Cosmology. München, USM, Dissertation, 2015
- Greisel, Natascha: Photometric Redshifts and Properties of Galaxies from the Sloan Digital Sky Survey. München, USM, Dissertation, 2015
- Gruen, Daniel: Weak lensing by galaxy clusters: from pixels to cosmology, München, USM, Dissertation, 2015
- Hennig, Christina: The Galaxy Population Evolution of Sunaev-Zel'dovich Selected Clusters. München, USM, Dissertation, 2015
- Kulkarni, Sandesh: Understanding the evolutionary modes of disks with resolved H α maps of 390 galaxies in local groups. München, USM, Dissertation, 2015
- Monna, Anna: Investigating galaxies in and behind Galaxy Clusters using Strong Gravitational Lensing. München, USM, Dissertation, 2015
- Remus, Rhea-Silvia: The Outer Structure of Elliptical Galaxies and their Dark Matter Halos. München, USM, Dissertation, 2015

5 Veröffentlichungen

5.1 In Zeitschriften und Büchern

- Achitouv, I., Neyrinck, M., Paranjape, A.: *Testing spherical evolution for modelling void abundances*. MNRAS **451**, 3964 (2015)
- Agnello, A., Treu, T., Ostrovski, F., et al.: *Discovery of two gravitationally lensed quasars in the Dark Energy Survey*. MNRAS **454**, 1260 (2015)
- Akiyama, E., Muto, T., Kusakabe, N., et al.: *Discovery of a Disk Gap Candidate at 20 AU in TW Hydrae*. ApJ **802**, L17 (2015)
- Alam, S., Albareti, F. D., Allende Prieto, C., et al.: *The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III*. ApJS **219**, 12 (2015)
- Alvarado-Gómez, J. D., Hussain, G. A. J., Grunhut, J., et al.: *Activity and magnetic field structure of the Sun-like planet-hosting star HD 1237*. A&A **582**, A38 (2015)
- Balbinot, E., Santiago, B. X., Girardi, L., et al.: *The LMC geometry and outer stellar populations from early DES data*. MNRAS **449**, 1129 (2015)
- Balfour, S. K., Whitworth, A. P., Hubber, D. A., et al.: *Star formation triggered by cloud-cloud collisions*. MNRAS **453**, 2471 (2015)
- Banerji, M., Jouvel, S., Lin, H., et al.: *Combining Dark Energy Survey Science Verification data with near-infrared data from the ESO VISTA Hemisphere Survey*. MNRAS **446**, 2523 (2015)

- Barbarino, C., Dall’Ora, M., Botticella, M. T., et al.: *SN 2012ec: mass of the progenitor from PESSSTO follow-up of the photospheric phase*. MNRAS **448**, 2312 (2015)
- Bastian, N., Niederhofer, F.: *The morphology of the sub-giant branch and red clump reveal no sign of age spreads in intermediate-age clusters*. MNRAS **448**, 1863 (2015)
- Baxter, E. J., Keisler, R., Dodelson, S., et al.: *A Measurement of Gravitational Lensing of the Cosmic Microwave Background by Galaxy Clusters Using Data from the South Pole Telescope*. ApJ **806**, 247 (2015)
- Bechtol, K., Drlica-Wagner, A., Balbinot, E., et al.: *Eight New Milky Way Companions Discovered in First-year Dark Energy Survey Data*. ApJ **807**, 50 (2015)
- Beck, A. M., Murante, G., Arth, A., et al.: *An improved SPH scheme for cosmological simulations*. MNRAS **455**, 2110 (2016)
- Behrendt, M., Burkert, A., Schartmann, M.: *Structure formation in gas-rich galactic discs with finite thickness: from discs to rings*. MNRAS **448**, 1007 (2015)
- Bender, R., Kormendy, J., Cornell, M. E., et al.: *Structure and Formation of cD Galaxies: NGC 6166 in ABELL 2199*. ApJ **807**, 56 (2015)
- B  thermin, M., Daddi, E., Magdis, G., et al.: *Evolution of the dust emission of massive galaxies up to $z = 4$ and constraints on their dominant mode of star formation*. A&A **573**, A113 (2015)
- Bisbas, T. G., Haworth, T. J., Williams, R. J. R., et al.: *STARBENCH: the D-type expansion of an H II region*. MNRAS **453**, 1324 (2015)
- Bleem, L. E., Stalder, B., de Haan, T., et al.: *Galaxy Clusters Discovered via the Sunyaev-Zel’dovich Effect in the 2500-Square-Degree SPT-SZ Survey*. ApJS **216**, 27 (2015)
- Bocquet, S., Saro, A., Mohr, J. J., et al.: *Mass Calibration and Cosmological Analysis of the SPT-SZ Galaxy Cluster Sample Using Velocity Dispersion σ_v and X-Ray Y_X Measurements*. ApJ **799**, 214 (2015)
- Bolatto, A. D., Warren, S. R., Leroy, A. K., et al.: *High-resolution Imaging of PHIBSS $z = 2$ Main-sequence Galaxies in CO $J = 1 \rightarrow 0$* . ApJ **809**, 175 (2015)
- Boneberg, D. M., Dale, J. E., Girichidis, P., et al.: *Turbulence in giant molecular clouds: the effect of photoionization feedback*. MNRAS **447**, 1341 (2015)
- Boselli, A., Fossati, M., Gavazzi, G., et al.: *H α imaging of the Herschel Reference Survey. The star formation properties of a volume-limited, K-band-selected sample of nearby late-type galaxies*. A&A **579**, A102 (2015)
- Broderick, A. E., Narayan, R., Kormendy, J., et al.: *The Event Horizon of M87*. ApJ **805**, 179 (2015)
- Burkert, A.: *The Structure and Dark Halo Core Properties of Dwarf Spheroidal Galaxies*. ApJ **808**, 158 (2015)
- Cappi, A., Marulli, F., Bel, J., et al.: *The VIMOS Public Extragalactic Redshift Survey (VIPERS). Hierarchical scaling and biasing*. A&A **579**, A70 (2015)
- Castorina, E., Carbone, C., Bel, J., et al.: *DEMNUi: the clustering of large-scale structures in the presence of massive neutrinos*. J. Cosmology Astropart. Phys. **7**, 43 (2015)
- Chang, C., Busha, M. T., Wechsler, R. H., et al.: *Modeling the Transfer Function for the Dark Energy Survey*. ApJ **801**, 73 (2015)

- Chang, C., Vikram, V., Jain, B., et al.: *Wide-Field Lensing Mass Maps from Dark Energy Survey Science Verification Data*. Physical Review Letters **115**, 051301 (2015)
- Cibinel, A., Le Flo'ch, E., Perret, V., et al.: *A Physical Approach to the Identification of High-z Mergers: Morphological Classification in the Stellar Mass Domain*. ApJ **805**, 181 (2015)
- Coccatto, L., Fabricius, M., Morelli, L., et al.: *Properties and formation mechanism of the stellar counter-rotating components in NGC 4191*. A&A **581**, A65 (2015)
- Dale, J. E., Ercolano, B., Bonnell, I. A.: *Early evolution of embedded clusters*. MNRAS **451**, 987 (2015)
- Dale, J. E., Haworth, T. J., Bressert, E.: *The dangers of being trigger-happy*. MNRAS **450**, 1199 (2015)
- Davies, B., Kudritzki, R.-P., Gazak, Z., et al.: *Red Supergiants as Cosmic Abundance Probes: The Magellanic Clouds*. ApJ **806**, 21 (2015)
- Dawson, J. R., Ntormousi, E., Fukui, Y., et al.: *A Young Giant Molecular Cloud Formed at the Interface of Two Colliding Supershells: Observations Meet Simulations*. ApJ **799**, 64 (2015)
- de Leon, J., Takami, M., Karr, J. L., et al.: *Near-IR High-resolution Imaging Polarimetry of the SU Aur Disk: Clues for Tidal Tails?* ApJ **806**, L10 (2015)
- de Souza, R. S., Hilbe, J. M., Buelens, B., et al.: *The overlooked potential of generalized linear models in astronomy - III. Bayesian negative binomial regression and globular cluster populations*. MNRAS **453**, 1928 (2015)
- Dolag, K., Gaensler, B. M., Beck, A. M., et al.: *Constraints on the distribution and energetics of fast radio bursts using cosmological hydrodynamic simulations*. MNRAS **451**, 4277 (2015)
- Drlica-Wagner, A., Albert, A., Bechtol, K., et al.: *Search for Gamma-Ray Emission from DES Dwarf Spheroidal Galaxy Candidates with Fermi-LAT Data*. ApJ **809**, L4 (2015)
- Drlica-Wagner, A., Bechtol, K., Rykoff, E. S., et al.: *Eight Ultra-faint Galaxy Candidates Discovered in Year Two of the Dark Energy Survey*. ApJ **813**, 109 (2015)
- Elyiv, A., Marulli, F., Pollina, G., et al.: *Cosmic voids detection without density measurements*. MNRAS **448**, 642 (2015)
- Ercolano, B., Koepferl, C., Owen, J., et al.: *Far-infrared signatures and inner hole sizes of protoplanetary discs undergoing inside-out dust dispersal*. MNRAS **452**, 3689 (2015)
- Ercolano, B., Rosotti, G.: *The link between disc dispersal by photoevaporation and the semimajor axis distribution of exoplanets*. MNRAS **450**, 3008 (2015)
- Erwin, P., Saglia, R. P., Fabricius, M., et al.: *Composite bulges: the coexistence of classical bulges and discy pseudo-bulges in S0 and spiral galaxies*. MNRAS **446**, 4039 (2015)
- Falanga, M., Bozzo, E., Lutovinov, A., et al.: *Ephemeris, orbital decay, and masses of ten eclipsing high-mass X-ray binaries*. A&A **577**, A130 (2015)
- Feindt, U., Kerschhaggl, M., Kowalski, M., et al.: *Measuring cosmic bulk flows with Type Ia supernovae from the Nearby Supernova Factory (Corrigendum)*. A&A **578**, C1 (2015)
- Fierlinger, K. M., Burkert, A., Ntormousi, E., et al.: *Stellar feedback efficiencies: supernovae versus stellar winds*. MNRAS **456**, 710 (2016)

- Finoguenov, A., Tanaka, M., Cooper, M., et al.: *Ultra-deep catalog of X-ray groups in the Extended Chandra Deep Field South*. A&A **576**, A130 (2015)
- Follette, K. B., Grady, C. A., Swearingen, J. R., et al.: *SEEDS Adaptive Optics Imaging of the Asymmetric Transition Disk Oph IRS 48 in Scattered Light*. ApJ **798**, 132 (2015)
- Fontanot, F., Macciò, A. V., Hirschmann, M., et al.: *On the dependence of galaxy morphologies on galaxy mergers*. MNRAS **451**, 2968 (2015)
- Fossati, M., Wilman, D. J., Fontanot, F., et al.: *The definition of environment and its relation to the quenching of galaxies at $z = 1-2$ in a hierarchical Universe*. MNRAS **446**, 2582 (2015)
- Fumagalli, M., Fossati, M., Hau, G. K. T., et al.: *MUSE sneaks a peek at extreme ram-pressure stripping events - I. A kinematic study of the archetypal galaxy ESO137-001*. MNRAS **445**, 4335 (2014)
- Gazkowsky, B., Preibisch, T., Stanke, T., et al.: *Squeezed between shells? The origin of the Lupus I molecular cloud. APEX/LABOCA, Herschel, and Planck observations*. A&A **584**, A36 (2015)
- Gavazzi, G., Consolandi, G., Dotti, M., et al.: *H α 3: an H α imaging survey of HI selected galaxies from ALFALFA. VI. The role of bars in quenching star formation from $z = 3$ to the present epoch*. A&A **580**, A116 (2015)
- Gazak, J. Z., Kudritzki, R., Evans, C., et al.: *Red Supergiants as Cosmic Abundance Probes: The Sculptor Galaxy NGC 300*. ApJ **805**, 182 (2015)
- Geier, S., Kupfer, T., Heber, U., et al.: *The catalogue of radial velocity variable hot subliminous stars from the MUCHFUSS project*. A&A **577**, A26 (2015)
- Genovali, K., Lemasle, B., da Silva, R., et al.: *On the α -element gradients of the Galactic thin disk using Cepheids*. A&A **580**, A17 (2015)
- Genzel, R., Tacconi, L. J., Lutz, D., et al.: *Combined CO and Dust Scaling Relations of Depletion Time and Molecular Gas Fractions with Cosmic Time, Specific Star-formation Rate, and Stellar Mass*. ApJ **800**, 20 (2015)
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