

List of Publications - Roberto Philip Saglia

Papers published in refereed journals

1. G. Bertin, R.P. Saglia, M. Stiavelli, 1988, “Masses and mass to light ratios for eight elliptical galaxies from a test of anisotropic models”, 1988, *ApJ*, **330**,78-90
2. R.P. Saglia, R. Sancisi, 1988, “HI observations of the massive spiral galaxy NGC 5635”, *A&A* **203**, 28-38
3. G. Bertin, R.P. Saglia, M. Stiavelli, 1992, “Elliptical galaxies with dark matter: I Self-consistent models”, *ApJ*, **384**, 423-432
4. R.P. Saglia, G. Bertin, M. Stiavelli, 1992, “Elliptical galaxies with dark matter: II Optimal luminous-dark matter decomposition for a sample of bright ellipticals”, *ApJ*, **384**, 433-447
5. R.P. Saglia, G. Bertin, F. Bertola, I.J. Danziger, H. Dejonghe, E.M. Sadler, M. Stiavelli, T. De Zeeuw, W.W. Zeilinger, 1993, “Stellar dynamical evidence for dark halos in elliptical galaxies: the case of NGC 4472, IC 4296, and NGC 7144”, *ApJ*, **403**, 567-572
6. G. Bertin, E. Pignatelli, R.P. Saglia, 1993 “X-ray emission and temperature profiles for optically selected models of elliptical galaxies”, *A&A*, **271**, 381-390
7. M.M. Colless, D. Burstein, G. Wegner, R.P. Saglia, R. McMahan, R.L. Davies, E. Bertschinger, G. Bagglely, 1993 “Photoelectric and CCD photometry of E and S0 galaxies”, *MNRAS*, **262**, 475-490
8. R.P. Saglia, E. Bertschinger, G. Bagglely, D. Burstein, M.M. Colless, R.L. Davies, R. McMahan, G. Wegner, 1993 “Effects of seeing on the photometric properties of elliptical galaxies”, *MNRAS*, **264**, 961-974
9. R.P. Saglia, R. Bender, A. Dressler, 1993 “The intrinsic shape of early- type galaxies and the scatter around the Fundamental Plane”, *A&A*, **279**, 75-82
10. L.M. Buson, E.M. Sadler, W.W. Zeilinger, G. Bertin, F. Bertola, I.J. Danziger, H. Dejonghe, R.P. Saglia, T. De Zeeuw, 1993, “The distribution of ionized gas in early-type galaxies” *A&A*, **280**, 409-425
11. R. Bender, R.P. Saglia, O. Gerhard, 1994, “Line of Sight Velocity Distributions of elliptical galaxies”, *MNRAS* **269**, 785-813
12. G. Bertin, F. Bertola, L.M. Buson, I.J. Danziger, H. Dejonghe, E.M. Sadler, R.P. Saglia, T. De Zeeuw, W.W. Zeilinger, 1994, “A search for dark matter in elliptical galaxies: radially extended spectroscopic observations for six objects”, *A&A*, **292**, 381-391

13. W.W. Zeilinger, A. Pizzella, P. Amico, G. Bertin, F. Bertola, L.M. Buson, I.J. Danziger, H. Dejonghe, E.M. Sadler, R.P. Saglia, P.T. de Zeeuw, 1996, “The distribution of ionized gas in early-type galaxies II: The velocity field of the ionized gas”, *A&AS*, **120**, 257-266
14. G. Wegner, D. M. Colless, G. Baggley, R.L. Davies, E. Bertschinger, D. Burstein, R.K. McMahan, R.P. Saglia, 1996, “The Peculiar Motions of Early-Type Galaxies in Two Distant Regions. I. Cluster and Galaxy selection”, *ApJS*, **106**, 1-26
15. R.P. Saglia, D. Burstein, G. Baggley, E. Bertschinger, M. Colless, R.L. Davies, R. McMahan, G. Wegner, 1997, “The Peculiar Motions of Early-Type Galaxies in Two Distant Regions. III. The photometric Data”, *MNRAS*, **292**, 499-572
16. R.P. Saglia, E. Bertschinger, G. Baggley, D. Burstein, M. Colless, R.L. Davies, R. McMahan, G. Wegner, 1997, “The Peculiar Motions of Early-Type Galaxies in Two Distant Regions. IV. The Photometric Fitting Procedure”, *ApJS*, **109**, 79-102
17. A. Pizzella, P.T. de Zeeuw, P. Amico, G. Bertin, F. Bertola, L.M. Buson, I.J. Danziger, H. Dejonghe, E.M. Sadler, R.P. Saglia, W.W. Zeilinger, 1997, “The distribution of Ionized Gas in Early-Type Galaxies. III: M/L determinations based on triaxial models”, *A&A*, **323**, 349-356
18. R. Bender, R.P. Saglia, B. Ziegler, P. Belloni, L. Greggio, U. Hopp, G. Bruzual, 1998, “Constraining the geometry of the Universe with Elliptical Galaxies”, *ApJ*, **493**, 529-535
19. O. Gerhard, G. Jeske, R.P. Saglia, R. Bender, 1998, “Dark matter and anisotropy in the E0 galaxy NGC6703”, *MNRAS*, **295**, 197-215
20. S. Seitz, R.P. Saglia, R. Bender, U. Hopp, P. Belloni, B. Ziegler, 1998, “The $z=2.72$ galaxy cB58: a gravitational fold arc lensed by the cluster MS 1512+36”, *MNRAS*, **298**, 945-965
21. D. Mehlert, R.P. Saglia, R. Bender, G. Wegner, 1998, “The kinematically peculiar cores of the Coma Cluster early-type Galaxies NGC 4816 and IC 4051”, *A&A*, **332**, 33-45
22. G. Wegner, M. Colless, R.P. Saglia, R.K. McMahan, R.L. Davies, G. Baggley, D. Burstein, 1999, “The Peculiar Motions of Early-Type Galaxies in Two Distant Regions. II. The spectroscopic Data”, *MNRAS*, **305**, 259-296
23. M. Colless, D. Burstein, R.L. Davies, R.K. McMahan, R.P. Saglia, G. Wegner, 1999, “The peculiar motions of early-type galaxies in two distant regions. V. The Mg- σ relation”, *MNRAS*, **303**, 813-825
24. B. Ziegler, R.P. Saglia, R. Bender, P. Belloni, L. Greggio, S. Seitz, 1999, “Probing elliptical galaxy evolution with the Kormendy relation”, *A&A*, **346**, 13-32

25. R.P. Saglia, A. Kronawitter, O. Gerhard, R. Bender, 2000, “The orbital structure and potential of NGC 1399”, *AJ*, **119**, 153-161
26. D. Mehlert, R.P. Saglia, R. Bender, G. Wegner, 2000, “Spatially resolved spectroscopy of Coma cluster early – type galaxies: I. The Database”, *A&AS*, **141**, 449-469
27. A. Kronawitter, R.P. Saglia, O. Gerhard, R. Bender, 2000, “Orbital structure and mass distribution in elliptical galaxies”, *A&AS*, **144**, 53-84
28. R.P. Saglia, C. Maraston, L. Greggio, R. Bender, B. Ziegler, 2000, “The evolution of the color gradients of early-type cluster galaxies”, *A&A*, **360**, 911-934
29. M. Colless, R.P. Saglia, D. Burstein, R.L. Davies, R. McMahan, G. Wegner, 2001, “The Peculiar Motions of Early-Type Galaxies in Two Distant Regions. VII. The Fundamental Plane, Distances and Peculiar Velocity Field”, *MNRAS*, **321**, 277-305
30. O. Gerhard, A. Kronawitter, R.P. Saglia, R. Bender, 2001, “Dynamical family properties and dark halo scaling relations of giant elliptical galaxies”, *AJ*, **121**, 1936-1951
31. R.P. Saglia, M. Colless, D. Burstein, R.L. Davies, R. McMahan, G. Wegner, 2001, “The Peculiar Motions of Early-Type Galaxies in Two Distant Regions. VI. The Maximum Likelihood Gaussian Algorithm”, *MNRAS*, **324**, 389-419
32. C. Halliday, R.L. Davies, H. Kuntschner, M. Birkinshaw, R. Bender, R.P. Saglia, G. Baggle, 2001, “Line-of-sight velocity distributions of low-luminosity elliptical galaxies”, *MNRAS*, **326**, 473-489
33. D. Mehlert, S. Seitz, R.P. Saglia, I. Appenzeller, R. Bender, K.J. Fricke, T. L. Hoffmann, U. Hopp, R.-P. Kudritzki, A.W.A. Pauldrach, 2001, “Gravitationally lensed high redshift galaxies in the field of 1E0657”, *A&A*, **379**, 96-106
34. B.L. Ziegler, A. Böhm, K.J. Fricke, K. Jäger, H. Nicklas, R. Bender, N. Drory, A. Gabasch, R.P. Saglia, S. Seitz, J. Heidt, D. Mehlert, S. Noll, E. Sutorius, 2002, “The evolution of the Tully-Fischer relation of spiral galaxies”, *ApJL*, **564**, L69-L72
35. D. Mehlert, S. Noll, I. Appenzeller, R.P. Saglia, A. Böhm, K.J. Fricke, J. Heidt, U. Hopp, K. Jäger, C. Möllenhoff, O. Stahl, B.L. Ziegler, 2002, “Evidence for chemical evolution in the spectra of high redshift galaxies”, *A&A*, **393**, 809-819
36. R.P. Saglia, C. Maraston, D. Thomas, R. Bender, M. Colless, 2002, “The puzzlingly small CaII triplet absorption in elliptical galaxies”, *ApJL*, **579**, L13-L16
37. T.H. Puzia, R.P. Saglia, M. Kissler-Patig, C. Maraston, L. Greggio, S. Ortolani, A. Renzini, 2002, “Integrated spectroscopy of Bulge Globular Clusters and Fields: The Data Base and Comparison of Individual Lick Indices in Clusters and Bulge”, *A&A*, **395**, 45-67

38. G. Wegner, E.M. Corsini, R.P. Saglia, R. Bender, D. Merkl, D. Thomas, J. Thomas, D. Mehlert, 2002, “Spatially resolved spectroscopy of Coma cluster early – type galaxies: II. The minor axis dataset”, *A&A*, **395**, 753-759
39. J. Heidt, I. Appenzeller, A. Gabasch, K. Jäger, S. Seitz, R. Bender, A. Böhm, K.J., Fricke, U. Hopp, M. Kümmel, C. Möllenhoff, J. Snigula, T. Szeifert, B. Ziegler, N. Drory, D. Mehlert, A. Moorwood, H. Nicklas, S. Noll, R.P. Saglia, W. Seifert, O. Stahl, E. Sutorius, S. Wagner, 2003, “The FORS Deep Field: Field selection, photometric observations and photometric catalog”, *A&A*, **398**, 49-61
40. C. Maraston, L. Greggio, A. Renzini, S. Ortolani, R.P. Saglia, T.H. Puzia, M. Kissler-Patig, 2003, “Integrated spectroscopy of Bulge Globular Clusters and fields. II. Modelling and implications for elliptical galaxies”, *A&A*, **400**, 823-840
41. D. Mehlert, D. Thomas, R.P. Saglia, R. Bender, G. Wegner 2003, “Spatially resolved spectroscopy of Coma cluster early – type galaxies: III. Indexes and gradients”, *A&A*, **407**, 423-435
42. T.H. Puzia, M. Kissler-Patig, D. Thomas, C. Maraston, R.P. Saglia, R. Bender, T. Richtler, P. Goudfrooij, M. Hampel, 2004, “VLT spectroscopy of globular cluster systems: I. The photometric and spectroscopic data set”, *A&A*, **415**, 123-143
43. C. Maraston, N. Bastian, R.P. Saglia, M. Kissler-Patig, F. Schweizer, P. Goudfrooij, 2004, “The dynamical mass of the young cluster W3 in NGC 7252: Heavy-Weight globular cluster or ultra compact dwarf galaxies?”, *A&A*, **416**, 467-474
44. A. Böhm, B.L. Ziegler, R.P. Saglia, R. Bender, K.J. Fricke, A. Gabasch, J. Heidt, D. Mehlert, S. Noll, S. Seitz, 2004, “The Tully-Fischer relation at intermediate redshift”, *A&A*, **420**, 97-114
45. A. Gabasch, R. Bender, S. Seitz, U. Hopp, R.P. Saglia, G. Feulner, J. Snigula, N. Drory, I. Appenzeller, J. Heidt, D. Mehlert, S. Noll, A. Böhm, K. Jäger, B. Ziegler, K.J. Fricke, 2004a, “The evolution of the luminosity functions in the FORS Deep Field from low to high redshift: I. The blue bands”, *A&A*, **421**, 41-58
46. G. De Lucia, B.M. Poggianti, A. Aragón-Salamanca, D. Clowe, C. Halliday, P. Jablonka, B. Milvang-Jensen, R. Pelló, S. Poirier, G. Rudnick, R. Saglia, L. Simard, S.D.M. White, 2004, “The buildup of the red sequence in galaxy clusters since $z \sim 0.8$ ”, *ApJL*, **610**, L77-L80
47. J. Thomas, R.P. Saglia, R. Bender, D. Thomas, K. Gebhardt, J. Magorrian, D. Richstone, 2004, “Mapping stationary axisymmetric phase-space distribution functions by orbit libraries”, *MNRAS*, **353**, 391-404
48. C. Halliday, B. Milvang-Jensen, S. Poirier, B.M. Poggianti, P. Jablonka, A. Aragon-Salamanca, R.P. Saglia, G. de Lucia, R. Pello, L. Simard, D.I. Clowe, G. Rudnick, J.J. Dalcanton, S.D.M. White, D. Zaritsky, 2004, “Spectroscopy of high redshift clusters in the ESO Distant Cluster Survey (EDiCS). Redshifts, velocity dispersions and substructure for 5 clusters”, *A&A*, **427**, 397-413

49. L. Morelli, C. Halliday, E.M. Corsini, A. Pizzella, D. Thomas, R.P. Saglia, R.L. Davies, R. Bender, M. Birkinshaw, F. Bertola, 2004, “Nuclear stellar discs in low-luminosity elliptical galaxies: NGC 4458 and NGC 4478”, *MNRAS*, **354**, 753-762
50. A. Gabasch, M. Salvato, R.P. Saglia, R. Bender, U. Hopp, S. Seitz, G. Feulner, N. Drory, M. Pannella, M. Schirmer, T. Erben, 2004b, “The star formation rate history in the Fors Deep and GOODS fields”, *ApJL*, **616**, L83-L86
51. R. S. de Jong, L. Simard, R. L. Davies, R.P. Saglia, D. Burstein, M.M. Colless, R. McMahan, G. Wegner, 2004, “Structural properties of discs and bulges of early-type galaxies”, *MNRAS*, **355**, 1155-1170
52. J. Thomas, R.P. Saglia, R. Bender, D. Thomas, K. Gebhardt, J. Magorrian, E. Corsini, G. Wegner, 2005, “Regularized orbit models unveiling the stellar structure and dark matter halo of the Coma elliptical NGC 4807”, *MNRAS*, **360**, 1355-1372
53. R. H. Méndez, D. Thomas, R.P. Saglia, C. Maraston, R.P. Kudritzki, R. Bender, 2005, “Oxygen and neon abundances of planetary nebulae in the outskirts of the elliptical galaxy NGC 4697”, *ApJ*, **627**, 767-781
54. T.H. Puzia, M. Kissler-Patig, D. Thomas, C. Maraston, R.P. Saglia, R. Bender, T. Richtler, P. Goudfrooij, M. Hampel, 2005, “VLT spectroscopy of globular cluster systems: II. Global spectroscopic ages, metallicities and $[\alpha/\text{Fe}]$ ratios”, *A&A*, **439**, 997-1011
55. S.D.M. White, A. Aragón-Salamanca, R. Bender, P. Best, M. Bremer, S. Charlot, D. Clowe, J. Dalcanton, M. Dantel, G. De Lucia, V. Desai, B. Fort, C. Halliday, P. Jablonka, G. Kauffmann, Y. Mellier, B. Milvang-Jensen, R. Pello, B. Poggianti, S. Poirer, H. Rottgering, G. Rudnick, R.P. Saglia, P. Scheider, L. Simard, D. Zaritsky, 2005, “EDisCS - the ESO Cluster Survey. Sample Definition and Optical Photometry”, *A&A*, **444**, 365-379
56. A. Teodorescu, R. H. Méndez, R.P. Saglia, A. Riffeser, R.P. Kudritzki, O.E. Gerhard, J. Kleyna, 2005, “Planetary nebulae and stellar kinematics in the flattened elliptical galaxy NGC 1344”, *ApJ*, **635**, 290-304
57. D. Thomas, F. Brimiouille, R. Bender, U. Hopp, L. Greggio, C. Maraston, R.P. Saglia, 2006, “A counter rotating core in the dwarf elliptical galaxy VCC 510”, *A&A Letters*, **445**, L19-L22
58. M. Pannella, U. Hopp, R.P. Saglia, R. Bender, N. Drory, M. Salvato, A. Gabasch, G. Feulner, 2006, “The contribution of bulges and disks to the mass function up to redshift 1 from the FORS deep and Goods-South fields”, *ApJL*, **639**, L1-L4
59. A. Gabasch, U. Hopp, G. Feulner, R. Bender, S. Seitz, R.P. Saglia, J. Snigula, N. Drory, I. Appenzeller, J. Heidt, D. Mehlert, S. Noll, A. Böhm, K. Jäger, B. Ziegler, K.J. Fricke, 2006, “The evolution of the luminosity functions in the FORS Deep Field from low to high redshift: II. The red bands”, *A&A*, **448**, 101-121

60. N. Bastian, R.P. Saglia, M. Kissler-Patig, F. Schweizer, P. Goudfrooij, C. Maraston, M. Zoccali, 2006, “Dynamical mass estimates of two luminous star clusters in galactic merger remnants”, *A&A*, **448**, 881-891
61. B.M. Poggianti, A. von der Linden, G. de Lucia, V. Desai, L. Simard, C. Halliday, A. Aragon-Salamanca, R. Bower, J. Varela, P. Best, D.I. Clowe, J. Dalcanton, P. Jablonka, B. Milvang-Jensen, R. Pello, G. Rudnick, R. Saglia, S. D.M. White, D. Zaritsky, 2006, “The evolution of the star formation activity in galaxies and its dependence on environment”, *ApJ*, **642**, 188-215
62. D. Clowe, P. Schneider, A. Aragón-Salamanca, G. De Lucia, C. Halliday, P. Jablonka, Y. Mellier, B. Milvang-Jensen, R. Pello, B. Poggianti, S. Poirer, G. Rudnick, R. Saglia, L. Simard, S. White, D. Zaritsky, 2006, “Weak lensing mass reconstructions on the ESO Distant Cluster Survey”, *A&A*, **451**, 395-408
63. E. Iodice, M. Arnaboldi, R.P. Saglia, L.S. Sparke, O. Gerhard, J.S. Gallagher, F. Combes, F. Bournaud, M. Capaccioli, K.C. Freeman, 2006, “Kinematic evidence of the polar disk in NGC 4650A”, *ApJ*, **643**, 200-209
64. R. Sharples, R. Bender, R. Bennett, K. Burch, P. Carter, P. Clark, R. Content, R. Davies, R. Davies, M. Dubbeldam, R. Genzel, A. Hess, K. Laidlaw, M. Lehnert, I. Lewis, B. Muschielok, S. Ramsey-Howat, P. Rees, D. Robertson, I. Robson, R. Saglia, M. Tecza, N. Thatte, S. Todd, B. Wall, M. Wegner, 2006, “KMOS: A multi-object deployable-IFU spectrometer for the ESO VLT”, *New AR*, **50**, 370-373
65. R.I. Davies, J. Thomas, R. Genzel, F. Mueller Sánchez, L.J. Tacconi, A. Sternberg, F. Eisenhauer, R. Abuter, R. Saglia, R. Bender, 2006, “The star-forming torus and stellar dynamical black hole mass in the Seyfert 1 Nucleus of NGC 3227”, *ApJ*, **646**, 754-773
66. O. Johnson, P. Best, D. Zaritsky, D. Clowe, A. Aragón-Salamanca, C. Halliday, P. Jablonka, B. Milvang-Jensen, R. Pello, B.M. Poggianti, G. Rudnick, R.P. Saglia, L. Simard, S. White, 2006, “The X-ray properties of optically-selected $z > 0.6$ clusters in the ESO Distant Cluster Survey”, *MNRAS*, **371**, 1777-1792
67. N.P.H. Nesvadba, M.D. Lehnert, F. Eisenhauer, R. Genzel, S. Seitz, R. Davies, R. Saglia, D. Lutz, L. Tacconi, R. Bender, R. Abuter, 2006, “Lyman break galaxies under a microscope: the small scale dynamics and mass of an arc in the cluster 1E0657-56”, *ApJ*, **650**, 661-668
68. G. De Lucia, B.M. Poggianti, A. Aragón-Salamanca, S.D.M. White, D. Zaritsky, D.I. Clowe, C. Halliday, P. Jablonka, A. von der Linden, B. Milvan-Jensen, R. Pelló, G. Rudnick, R. Saglia, L. Simard, 2007, “The build-up of the colour-magnitude relation in galaxy clusters since $z \sim 0.8$ ”, *MNRAS*, **374**, 809-822
69. R. Bender, R.P. Saglia, 2007, “Supermassive black holes in local galaxies”, *C.R. Physique*, **8**, 6-25

70. V. Desai, J.J. Dalcanton, A. Aragón-Salamanca, P. Jablonka, B. Poggianti, S.M. Gogarten, L. Simard, B. Milvang-Jensen, G. Rudnick, D. Zaritsky, D. Clowe, C. Halliday, R. Pelló, R.P. Saglia, S. White, 2007, “The morphological content of ten EDISCS clusters at $0.5 < z < 0.8$ ”, *ApJ* **661**, 1151-1154
71. N. Nowak, R.P. Saglia, J. Thomas, R. Bender, M. Pannella, K. Gebhardt, R. Davies, 2007, “Evidence for a supermassive black hole in the low-luminosity elliptical galaxy NGC 4486a”, *MNRAS*, **379**, 909-914
72. J. Thomas, R. Jesseit, T. Naab, R.P. Saglia, A. Burkert, R. Bender, 2007, “Axisymmetric orbit models of N-body merger remnants: a dependency of reconstructed masses on central kinematics”, *MNRAS*, **381**, 1672-1696
73. J. Thomas, R.P. Saglia, R. Bender, D. Thomas, K. Gebhardt, J. Magorrian, E.M. Corsini, G. Wegner, 2007, “Dynamical modelling of luminous and dark matter in 17 Coma early-type galaxies”, *MNRAS*, **382**, 657-684
74. L. Morelli, E. Pompei, A. Pizzella, L. Coccato, E.M. Corsini, J. Méndez-Abreu, R.P. Saglia, M. Sarzi, F. Bertola, 2007, “Stellar population in bulge of spiral galaxies”, *NCimB*, **122**, 1281-1284
75. E.M. Corsini, G. Wegner, R.P. Saglia, J. Thomas, R. Bender, D. Thomas, 2008, “Spatially resolved spectroscopy of Coma cluster early-type galaxies. IV, The completion of the dataset”, *ApJS*, **175**, 462-484
76. F. de Lorenzi, O. Gerhard, R.P. Saglia, N. Sambhus, V.P. Debattista, M. Pannella, R. Méndez, 2008, “Dark matter content and internal dynamics of NGC 4697: NMAGIC particle models from slit data and planetary nebulae velocities”, *MNRAS*, **385**, 1729-1748
77. B. Milvang-Jensen, S. Noll, C. Halliday, B.M. Poggianti, P. Jablonka, A. Aragón-Salamanca, R.P. Saglia, N. Nowak, A. von der Linden, G. De Lucia, R. Pelló, J. Moustakas, S. Poirier, S.P. Bamford, D.I. Clowe, J.J. Dalcanton, G.H. Rudnick, L. Simard, S.D.M. White, D. Zaritsky, 2008, “Spectroscopy of clusters in the ESO Distant Cluster Survey (EDisCS). Redshifts, velocity dispersions and substructure for clusters in the last 15 fields”, *A&A*, **482**, 419-449
78. I.M. Whiley, A. Aragón-Salamanca, G. De Lucia, A. von der Linden, S.P. Bamford, P. Best, M.N. Bremer, P. Jablonka, O. Johnson, B. Milvang-Jensen, S. Noll, B.M. Poggianti, G. Rudnick, R.P. Saglia, S. White, D. Zarisky, 2008, “The evolution of the brightest cluster galaxies since $z \sim 1$ from the ESO Distant Cluster Survey (EDisCS)”, *MNRAS*, **387**, 1253-1263
79. B.M. Poggianti, V. Desai, R. Finn, S. Bamford, G. De Lucia, J. Varela, A. Aragon-Salamanca, C. Halliday, S. Noll, R. Saglia, D. Zaritsky, P. Best, D. Clowe, B. Milvang-Jensen, P. Jablonka, R. Pello, G. Rudnick, L. Simard, A. von der Linden, S. White, 2008, “The relation between star formation, morphology and local density in high redshift clusters and groups”, *ApJ*, **684**, 888-904

80. L. Morelli, E. Pompei, A. Pizzella, J. Mendez Abreu, E.M. Corsini, L. Coccato, R.P. Saglia, M. Sarzi, F. Bertola, 2008, “Stellar populations of bulges in 14 cluster disc galaxies”, *MNRAS*, **389**, 341-363
81. N. Nowak, R.P. Saglia, J. Thomas, R. Bender, R. Davies, K. Gebhardt, 2008, “The supermassive black hole of Fornax A”, *MNRAS*, **391**, 1629-1649
82. J. Thomas, R.P. Saglia, R. Bender, D. Thomas, K. Gebhardt, J. Magorrian, E.M. Corsini, G. Wegner, 2009, “Dark matter scaling relations and the assembly epoch of Coma early-type galaxies”, *ApJ*, **691**, 770-782
83. J. Koppenhöfer, C. Afonso, R.P. Saglia, T. Henning, 2009, “Investigating the potential of the PanPlanets project using Monte Carlo simulations”, *A&A*, **494**, 707-717
84. J. Thomas, R. Jesseit, R.P. Saglia, R. Bender, A. Burkert, E.M. Corsini, K. Gebhardt, J. Magorrian, T. Naab, D. Thomas, G. Wegner, 2009, “Flattening and anisotropy of early-type galaxies and N-body merger remnants”, *MNRAS*, **393**, 641-652
85. B.M. Poggianti, A. Aragon-Salamanca, G. De Lucia, V. Desai, P. Jablonka, C. Halliday, G. Rudnick, J. Varela, D. Zaritsky, S. Bamford, P. Best, D. Clowe, B. Milvang-Jensen, S. Noll, R. Saglia, R. Pello, L. Simard, A. von der Linden, S. White, 2009, “The environment of starburst and post-starburst galaxies at $z = 0.4 - 0.8$ ”, *ApJ*, **693**, 112-131
86. I.A.G. Snellen, J. Koppenhöfer, R.F.J., van der Burg, S. Dreizler, J. Greiner, M.D.J. de Hoon, T.O. Husser, T. Kruehler, R.P. Saglia, F.N. Vuijsje, 2009, “OGLE2-TR-L9: An exoplanet transiting a rapidly rotating F3 star”, *A&A*, **497**, 545-550
87. F.D. Barazza, P. Jablonka, V. Desai, S. Jogee, A. Aragón-Salamanca, G. De Lucia, R.P. Saglia, C. Halliday, B.M. Poggianti, J.J. Dalcanton, G. Rudnick, B. Milvang-Jensen, S. Noll, L. Simard, D.I. Clowe, R. Pelló, S.D.M. White, D. Zaritsky, 2009, “Frequency and properties of bars in cluster and field galaxies at intermediate redshifts”, *A&A*, **497**, 713-728
88. P. Sánchez-Blázquez, P. Jablonka, V. Desai, A. Aragón-Salamanca, B. Poggianti, C. Halliday, B. Milvang-Jensen, G. De Lucia, R.P. Saglia, G. Rudnick, S. Noll, L. Simard, D.I. Clowe, R. Pelló, S.D.M. White, D. Zaritsky, J. Moustakas, 2009, “Evolution of Cluster Red Sequence Galaxies from redshift 0.8 to 0.4: ages, metallicities and morphologies”, *A&A*, **499**, 47-68
89. G. Rudnick, A. von der Linden, R. Pelló, A. Aragón-Salamanca, D. Marchesini, D. Clowe, G. De Lucia, C. Halliday, P. Jablonka, B. Milvang-Jensen, R. Saglia, L. Simard, S. White, D. Zaritsky, 2009, “The rest-frame optical luminosity function of cluster galaxies at $Z < 0.8$ and the assembly of the cluster red sequence”, *ApJ*, **700**, 1559-1588
90. M. Pannella, A. Gabasch, Y. Goranova, N. Drory, U. Hopp, S. Noll, R.P. Saglia, R. Bender, 2009, “Bulges and disks in the COSMOS during the last 8 Gyrs. I. The mass content evolution and its environmental dependency”, *ApJ*, **701**, 787-803

91. A. Finoguenov, J.L. Connelly, L.C. Parker, D. Wilman, J. Mulchaey, R.P. Saglia, M. Balogh, R. Bower, S.McGee, M. Hudson, 2009, “X-ray vs. optical groups in the CNOC2 Survey”, *ApJ*, **704**, 564-575
92. L. Simard, D.C. Clowe, V. Desai, J.J. Dalcanton, A. von der Linden, B.M. Poggianti, S.D.M. White, A. Aragón-Salamanca, G. De Lucia, C. Halliday, P. Jablonka, B. Milvang-Jensen, R.P. Saglia, R. Pello, G.G. Rudnick, D. Zaritsky, 2009, “Evolution of the early-type galaxy fraction in clusters since $z=0.8$ ”, *A&A*, **508**, 1141-1159
93. R. Pello, G. Rudnick, G. De Lucia, L. Simard, D.I. Clowe, P. Jablonka, B. Milvang-Jensen, R.P. Saglia, S.D. White, A. Aragón-Salamanca, C. Halliday, B. Poggianti, J. Dalcanton, M. Dantel-Fort, B. Fort, A. von der Linden, Y. Mellier, H. Rottgering, D. Zaritsky, 2009, “Photometric redshifts and cluster tomography in the ESO Distant Cluster Survey”, *A&A*, **508**, 1173-1191
94. R.P. Saglia, M. Fabricius, R. Bender, M. Montalto, C.-H. Lee, A. Riffeser, S. Seitz, L. Morganti, O. Gerhard, U. Hopp, 2010, “The old and heavy bulge of M31. I. Kinematics and stellar populations”, *A&A*, **509**, 61-78
95. N. Nowak, J. Thomas, P. Erwin, R.P. Saglia, R. Bender, R. Davies, 2010, “Do black-hole masses scale with classical bulge luminosities only? The case of the two composite pseudobulge galaxies NGC 3368 and NGC 3489”, *MNRAS*, **403**, 646-672
96. M. Spavone, E. Iodice, M. Arnaboldi, O. Gerhard, R.P. Saglia, G. Longo, 2010, “Chemical abundances in the polar disk of NGC 4650A: implications for cold accretion scenario”, *ApJ*, **714**, 1081-1095
97. S. Pu, R.P. Saglia, M. Fabricius, J. Thomas, R. Bender, Z. Han, 2010, “Radially extended kinematics and stellar populations of the massive ellipticals NGC 1600, NGC 4125 and NGC 7619: Constraints on the outer dark halo density profile”, *A&A*, **516**, 4-21
98. T. Valentiniuzzi, B. Poggianti, R. Saglia, Aragón-Salamanca, A., Simard, L., P. Sánchez-Blázquez, M. D’Onofrio, A. Cava, W.J. Couch, J. Fritz, A. Moretti, B. Vulcani, 2010, “Superdense massive galaxies in the EDUSCS survey”, *ApJL*, **721**, L19-23
99. R.P. Saglia, P. Sánchez-Blázquez, R. Bender, L. Simard, V. Desai, A. Aragón-Salamanca, B. Milvang-Jensen, C. Halliday, P. Jablonka, S. Noll, B. Poggianti, D.I. Clowe, G. De Lucia, R. Pello, G. Rudnick, T. Valentiniuzzi, S.D.M. White, D. Zaritsky, 2010, “The fundamental plane of EDisCS galaxies. The effect of size evolution”, *A&A*, **524**, A6-39
100. Y.L. Jaffé, A. Aragón-Salamanca, G. De Lucia, R., P. Jablonka, G. Rudnick, R.P. Saglia, D. Zaritsky, 2011, “The colour-magnitude relation of Elliptical and Lenticular galaxies in the ESO Distant Cluster Survey”, *MNRAS*, **410**, 280-292

101. S. Rusli, J. Thomas, P. Erwin, R.P. Saglia, N. Nowak, R. Bender, 2011, “The massive black hole of the low-luminosity bulge lenticular NGC 1332”, *MNRAS*, **410**, 1223-1236
102. J. Thomas, R.P. Saglia, R. Bender, D. Thomas, K. Gebhard, J. Magorrian, E.M. Corsini, G. Wegner, 2011, “Dynamical masses of early-type galaxies: the stellar IMF, dark matter distribution and a comparison to lensing results”, *MNRAS*, **415**, 545-562
103. Y.L. Jaffé, A. Aragón-Salamanca, H. Kuntschner, S. Bamford, C. Hoyos, G. De Lucia, C. Halliday, B. Milvang-Jensen, B. Poggianti, G. Rudnick, R.P. Saglia, P. Sanchez-Blazquez, D. Zaritsky, 2011, “The effect of the environment on the gas kinematics and the structure of distant galaxies”, *MNRAS*, **417**, 1996-2019
104. J. Thomas, R.P. Saglia, R. Bender, D. Thomas, K. Gebhard, J. Magorrian, E.M. Corsini, G. Wegner, 2011, “Erratum: Dynamical masses of early-type galaxies: the stellar IMF, dark matter distribution and a comparison to lensing results”, *MNRAS*, **418**, 2815
105. R.P. Saglia, J.L. Tonry, R. Bender, N. Greisel, S. Seitz, R. Senger, J. Snigula, S. Phleps, D. Wilman, C. Bailer-Jones, R. Klement, H.-W. Rix, K. Smith, P. Green, W. S. Burgett, K. C. Chambers, J. N. Heasley, N. Kaiser, E. A. Magnier, J. S. Morgan, P. A. Price, C.W. Stubbs, R. J. Wainscoat, 2012, “The Photometric Classification Server for Pan-STARRS1”, *ApJ*, **746**, 128-140
106. C.-H. Lee, A. Riffeser, J. Koppenhoefer, S. Seitz, R. Bender, U. Hopp, C. Gössel, R. P. Saglia, J. Snigula, W. S. Burgett, K. C. Chambers, T. Grav, J. N. Heasley, K. W. Hodapp, R. Jedicke, N. Kaiser, R.-P. Kudritzki, G. A. Luppino, R. H. Lupton, E. A. Magnier, D. G. Monet, J. S. Morgan, P. M. Onaka, P. A. Price, C. W. Stubbs, J. L. Tonry, R. J. Wainscoat, 2012, “Pandromeda - First results from the high-cadence monitoring of M31 with PAN-STARRS 1”, *AJ*, **143**, 89-105
107. M.H. Fabricius, R.P. Saglia, D.B. Fisher, N. Drory, R. Bender, U. Hopp, 2012, “Kinematics across bulge types”, *ApJ*, **754**, 67-94
108. S.V. Nefs, J.L. Birkby, I.A.G. Snellen, S.T. Hodgkin, D.J. Pinfield, B. Sipocz, G. Kovacs, D. Mislis, R.P. Saglia, J. Koppenhöfer, P. Cruz, D. Barrado, E.L. Martin, N. Goulding, H. Stoev, J. Zendejas, C. del Burgo, M. Cappetta, 2012, “Four ultra-short period eclipsing M-dwarf binaries in the WFCAM Transit Survey”, *MNRAS*, **425**, 950-968
109. J.L. Connelly, D. Wilman, A. Finoguenov, A. Hou, J.S. Mulchaey, S.L. McGee, M.L. Balogh, L.C. Parker, R. Saglia, R.D.E. Jemderspm. R.G. Bower, 2012, “Illuminating X-ray bright and faint galaxy groups: mass and global properties at intermediate redshift”, *ApJ*, **756**, 139-166

110. G. Wegner, E. Corsini, J.Thomas, R.P. Saglia, R. Bender, S. Pu, 2012, “Further evidence for large central mass-to-light ratios in early-types galaxies: the case of ellipticals and lenticulars in the A262 cluster.”, *AJ*, **144**, 78-101
111. L. Pasquini, A. Brucalassi, M.T. Ruiz, P. Bonifacio, C. Lovis, R. Saglia, C. Melo, K. Biazzo, S. Randich, L. Bedin, 2012, “Search for giant exo-Planets in M67”, *A&A*, **545**, A139-153
112. J. Birkby, B. Nefs, S. Hodgkin, G. Kovacs, B. Sipocz, I. Snellen, P. Cruz, N. Goulding, E. de Mooij, D. Mislis, H. Stoev, D. Pinfield, D. Barrado, R. Saglia, E. martin, N. Lodieu, Y. Pavlenko, 2012, “Discovery and characterisation of detached M-dwarf eclipsing binaries in the WFCAM Transit Survey”, *MNRAS*, **426**, 1507-1532
113. M. Cappetta, R.P. Saglia, J.L. Birkby, J. Koppenhöfer, D.J. Pinfield, S.T. Hodgkin, P. Cruz, G. Kovacs, B. Sipocz, D. Barrado, B. Nefs, Y.V. Pavlenko, L. Fossati, C. Del Burgo, E.L. Martin, I. Snellen, J. Barnes, S. Catalan, H. Deeg, C. del Burgo, M.C. Galvez-Ortiz, N. Goulding, C. Haswell, O. Ivanyuk, H. Jones, M. Kuznetsov, N. Lodieu, F. Marocco, D. Mislis, A. Moya, F. Murgas, R. Napiwotzki, E. Palle, D. Pollacco, L. Sarro Baro, E. Solano, P. Steele, H. Stoev, R. Tata, J. Zendejas, 2012, “The first planet detected in the WTS, an inflated hot-Jupiter in a 3.35 days orbit around a late F-star”, *MNRAS*, **427**, 1877-1890
114. X. Mazzalay, R.P. Saglia, P. Erwin, M.H. Fabricius, S.P. Rusli, J. Thomas, R. Bender, M. Opitsch, N. Nowak, M.J. Williams, 2013, “Molecular gas in the centre of nearby galaxies from VLT/SINFONI integral field spectroscopy - I. Morphology and mass inventory”, *MNRAS*, **428**, 2389-2406
115. J. Koppenhöfer, R.P. Saglia, A. Riffeser, 2013, “MDia and POTS - The Munich Difference imaging analysis for the Pre-OmegaTrans Survey”, *Experimental Astronomy*, **35**, 329-336
116. R.P. Saglia, J. Snigula, R. Senger, R. Bender, 2013, “PhotoZ - A photometric redshift code for large datasets”, *Experimental Astronomy*, **35**, 337-344
117. P.R. Steele, R.P. Saglia, M.R. Burleigh, T.R. Marsh, K. Lawrie, M. Cappetta, B.T. Gänsicke, J. Girven, R. Napiwotzki, 2013, “WD0132+145: The shortest period White Dwarf+ Brown Dwarf binary”, *MNRAS*, **429**, 3492-3500
118. N. Greisel, S. Seitz, N. Drory, R. Bender, R.P. Saglia, J. Snigula, 2013, “Photometric Redshifts and Systematic Variations in the SEDs of Luminous Red Galaxies from the SDSS DR7”, *ApJ*, **768**, 117-139
119. G. Kovacs, S. Hodgkin, B. Sipocz, D. Pinfield, D. Barrado, J. Birkby, M. Cappetta, P. Cruz, J. Koppenhöfer, E. Martin, F. Murgas, B. Nefs, R. Saglia, J. Zendejas, 2013, “A sensitivity analysis of the WFCAM Transit Survey for short-period giant planets around M dwarfs”, *MNRAS*, **433**, 889-906

120. S.P. Rusli, J. Thomas, R.P. Saglia, P. Erwin, M. Fabricius, R. Bender, N. Nowak, A. Riffeser, C.H. Lee, R. Sharp, 2013, “The influence of dark matter halos on the dynamical estimation of black hole masses: new mass measurements for 10 high- σ early-type galaxies”, *AJ*, **146**, 45-77
121. J. Koppenhöfer, R.P. Saglia, L. Fossati, Y. Lyubchik, M. Mugrauer, R. Bender, Ch.-H. Lee, A. Riffeser, P. Afonso, J. Greiner, Th. Henning, R. Neuhäusser, I.A. G. Snellen, Y. Pavlenko, M. Verdugo, 2013, “A hot Jupiter transiting a mid K-dwarf found in the pre-OmegaCam Transit Survey”, *MNRAS*, **435**, 3133-3147
122. S.P. Rusli, P. Erwin, R.P. Saglia, J. Thomas, M. Fabricius, R. Bender, N. Nowak, 2013, “Depleted galaxy cores and dynamical black hole masses”, *AJ*, **146**, 160-177
123. J. Zendejas, J. Koppenhoefer, R.P. Saglia, J.K. Birkby, S.T. Hodgkin, G. Kovács, D. Pinfield, B. Sipocz, D. Barrado, R. Bender, C. del Burgo, M. Cappetta, E.L. Martin, S.V. Nefs, A. Riffeser, P. Steele, 2013, “Searching for transits in the WTS with difference imaging light curves”, *A&A*, **560**, A92-111
124. A. Brucalassi, L. Pasquini, R.P. Saglia, M.T. Ruiz, P. Bonifacio, L. R. Bedin, K. Biazzo, C. Melo, C. Lovis, S. Randich, 2014, “Three planetary companions around M67 stars”, *A&A*, **561**, L9-15
125. J. Thomas, R.P. Saglia, R. Bender, P. Erwin, M. Fabricius, S.P. Rusli, 2014, “The dynamical fingerprint of core scouring in massive elliptical galaxies”, *ApJ*, **782**, 39-47
126. X. Mazzalay, W. Maciejewski, P. Erwin, R.P. Saglia, R. Bender, M.H. Fabricius, N. Nowak, S.P. Rusli, J. Thomas, 2014, “Molecular gas in the centre of nearby galaxies from VLT/SINFONI integral field spectroscopy - II. Kinematics”, *MNRAS*, **438**, 2036-2064
127. J.L. Birkby, M. Cappetta, P. Cruz, J. Koppenhoefer, O. Ivanyuk, A. Mustill, S. T. Hodgkin, D. J. Pinfield, B. Sipocz, G. Kovács, R. Saglia, Y. Pavlenko, D. Barrado, A. Bayo, D. Campbell, S. Catalan, L. Fossati, M.-C. Gálvez-Ortiz, M. Kenworthy, E.L. Martín, D. Mislis, E.J.W. de Mooij, S.V. Nefs, I.A.G. Snellen, H. Stoev, J. Zendejas, C. del Burgo, J. Barnes, N. Goulding, C. Haswell, H. Jones, M. Kuznetsov, N. Lodieu, F. Marocco, A. Moya, F. Murgas, R. Napiwotzki, E. Palte, D. Pollacco, E. Solano, P. Steele, R. Tata, 2014, “WTS-2 b: a hot Jupiter orbiting near its tidal destruction radius around a K-dwarf”, *MNRAS*, **440**, 1470-1489
128. M.H. Fabricius, L. Coccato, R. Bender, N. Drory, C. Gössl, M. Landriau, R.P. Saglia, J. Thomas, M. Williams, 2014, “Re-growth of stellar disks in mature galaxies: The two component nature of NGC 7217 revisited by VIRUS-W”, *MNRAS*, **441**, 2212-2229
129. M.H. Fabricius, E. Noyola, S. Rukdee, R.P. Saglia, R. Bender, U. Hopp, J. Thomas, M. Opitsch, M.J. Williams, 2014, “Central rotations of Milky Way globular clusters”, *ApJL*, **787**, L26-31

130. A. Beifiori, D. Thomas, C. Maraston, O. Steele, K.L. Masters, J. Pforr, R. Tojero, Y.-M. Chen, R. Bender, A. Bolton, J. Johansson, A. Leauthaud, R. Mandelbaum, B. Nichol, R.P. Saglia, R. Skibba, D. Wake, 2014, “Redshift evolution of the dynamical properties and dark matter fractions of SDSS-III/BOSS galaxies”, *ApJ*, **789**, 92-115
131. Eva Wuyts, Jaron Kurk, Natascha M. Förster Schreiber, Reinhard Genzel, Emily Wisnioski, Kaushala Bandara, Stijn Wuyts, Alessandra Beifiori, Ralf Bender, Gabriel B. Brammer, Andreas Burkert, Peter Buschkamp, C. Marcella Carollo, Jeffrey Chan, Ric Davies, Frank Eisenhauer, Matteo Fossati, Sandesh K. Kulkarni, Philipp Lang, Simon J. Lilly, Dieter Lutz, Chiara Mancini, Trevor Mendel, Ivelina G. Momcheva, Thorsten Naab, Erica J. Nelson, Alvio Renzini, David Rosario, Roberto P. Saglia, Stella Seitz, Ray M. Sharples, Amiel Sternberg, Sandro Tacchella, Linda J. Tacconi, Pieter van Dokkum, David J. Wilman, 2014, “Metallicity evolution at $0.8 < z < 2.6$ from the LUCI, SINS/zC-SINF and KMOS-3D surveys”, *ApJL*, **789**, L40-45
132. M. Cappetta, R.P. Saglia, J.L. Birkby, J. Koppenhöfer, D.J. Pinfield, S.T. Hodgkin, P. Cruz, G. Kovacs, B. Sipocz, D. Barrado, B. Nefs, Y.V. Pavlenko, L. Fossati, C. Del Burgo, E.L. Martin, I. Snellen, J. Barnes, S. Catalan, H. Deeg, C. del Burgo, M.C. Galvez-Ortiz, N. Goulding, C. Haswell, O. Ivanyuk, H. Jones, M. Kuznetsov, N. Lodieu, F. Marocco, D. Mislis, A. Moya, F. Murgas, R. Napiwotzki, E. Palle, D. Pollacco, L. Sarro Baro, E. Solano, P. Steele, H. Stoev, R. Tata, J. Zendejas, 2014, “Erratum: [The first planet detected in the WTS, an inflated hot-Jupiter in a 3.35 days orbit around a late F-star]”, *MNRAS*, **444**, 3150
133. C. Tortora, N.R. Napolitano, R.P. Saglia, G. Covone, M. Capaccioli, A.J Romanowsky, 2014, “Evolution of central dark matter of ETGs up to $z \sim 1$: ESO Distant Cluster Survey vs local galaxies”, *MNRAS*, **445**, 162-174
134. R. Genzel, N. M. Förster Schreiber, D. Rosario, P. Lang, D. Lutz, E. Wisnioski, E. Wuyts, S. Wuyts, K. Bandara, R. Bender, S. Berta, J. Kurk, T. Mendel, L. J. Tacconi, D. Wilman, A. Beifiori, G. Brammer, A. Burkert, P. Buschkamp, J. Chan, C.M. Carollo, R. Davies, F. Eisenhauer, M. Fabricius, M. Fossati, M. Kriek, S. Kulkarni, S. J. Lilly, C. Mancini, I. Momcheva, T. Naab, E. J. Nelson, A. Renzini, R. Saglia, R. M. Sharples, A. Sternberg, S. Tacchella, P. van Dokkum et al. 2014, “Evidence for wide-spread AGN driven outflows in the most massive $z \sim 1 - 2$ star forming galaxies”, *ApJ*, **796**, 7-31
135. Banerji, Manda, Jovel, S., Lin, H., McMahon, R. G., Lahav, O., Castander, F. J., Abdalla, F. B., Bertin, E., Bosman, S. E., Carnero, A., Carrasco Kind, M., da Costa, L. N., Gerdes, D., Gschwend, J., Lima, M., Maia, M. A. G., Merson, A., Miller, C., Ogando, R., Pellegrini, P., Reed, S., Saglia, R., Sanchez, C., Annis, S. Allam J., Bernstein, G., Bernstein, J., Bernstein, R., Capozzi, D., Childress, M., Cunha, Carlos E., Davis, T. M., DePoy, D. L., Desai, S., Diehl, H. T., Doel, P., Findlay, J., Finley, D. A., Flaughner, B., Frieman, J., Gaztanaga, E., Glazebrook, K., Gonzalez-Fernandez, C., Gonzalez-Solares, E., Honscheid, K., Irwin, M. J., Jarvis, M. J., Kim, A., Kuposov, S., Kuehn, K., Kupcu-Yoldas, A., Lagattuta, D., Lewis, J.

- R., Lidman, C., Makler, M., Marriner, J., Marshall, Jennifer L., Miquel, R., Mohr, Joseph J., Neilsen, E., Peoples, J., Sako, M., Sanchez, E., Scarpine, V., Schindler, R., Schubnell, M., Sevilla, I., Sharp, R., Soares-Santos, M., Swanson, M. E. C., Tarle, G., Thaler, J., Tucker, D., Uddin, S. A., Wechsler, R., Wester, W., Yuan, F., Zuntz, J., 2015, “Combining Dark Energy Survey Science Verification Data with Near Infrared Data from the ESO VISTA Hemisphere Survey”, *MNRAS*, **446**, 2523-2539
136. P. Erwin, R.P. Saglia, M. Fabricius, S. Rusli, N. Nowak, R. Bender, J.C. Cega Beltrán, J. E. Beckman, 2015, “Composite Bulges: the coexistence of classical bulges and disky pseudobulges in S0 and spiral galaxies”, *MNRAS*, **446**, 4039-4077
137. E. Wisnioski, N.M. Förster Schreiber, S. Wuyts, E. Wuyts, K. Bandara, D. Wilman, G. Genzel, R. Bender, R. Davies, M. Fossati, J.T. Mendel, A. Beifiori, G. Brammer, J. Chan, M. Fabricius, Y. Fudamoto, S. Kulkarni, J. Kurk, D. Lutz, E.J. nelson, I. Momcheva, D. Rosario, R. Saglia, S. Seitz, L. J. Tacconi, P.G. van Dokkum, 2015, “The KMOS^{3D} survey: design, first results, and the evolution of galaxy kinematics from $0.7 \leq z \leq 2.7$ ”, *ApJ*, **799**, 209-236
138. J. Trevor Mendel, R.P. Saglia, R. Bender, A. Beifiori, J. Chan, M. Fossati, D.J. Wilman, K. Bandara, G. B. Brammer, N.M. Forster-Schreiber, A. Galametz, S. Kulkarni, I. G. Momcheva, E.J. Nelson, P. van Dokkum, K. Whitaker, S. Wuyts, 2015, “First results from the VIRIAL survey: the stellar content of the UVJ-selected galaxies at $1.5 < z < 2$ from KMOS”, *ApJL*, **804**, L4-9
139. N. Greisel, S. Seitz, N. Drory, R. Bender, R.P. Saglia, J. Snigula, 2015, “Photometric Redshifts and modelspectral energy distributions of Galaxies from the SDSS-III BOSS DR10”, *MNRAS*, **451**, 1848-1867
140. L. Coccatto, M. Fabricius, L. Morelli, E.M. Corsini, A. Pizzella, E. Dalla Bontá, R. Bender, R. Saglia, M. Williams, 2015, “On the stellar counter-rotating disks in NGC 4191”, *A&A*, **501**, 65-74
141. T. Simm, R.P. Saglia, M. Salvato, R. Bender, W. S. Burgett, K. C. Chambers, P. W. Draper, H. Flewelling, N. Kaiser, R.-P. Kudritzki, E. A. Magnier, N. Metcalfe, J. Tonry, R. J. Wainscoat, C. Waters, 2015, “Pan-STARRS1 variability of XMM-COSMOS AGN I. Impact on photometric redshifts”, *A&A*, **584**, 106-127
142. T. Simm, M. Salvato, R. Saglia, G. Ponti, G. Lanzuisi, K. Nandra, R. Bender, 2016, “Pan-STARRS1 variability of XMM-COSMOS AGN II. Physical correlations and power spectrum analysis”, *A&A*, **585**, 129-151
143. C. Obermeier, J. Koppenhöfer, R.P. Saglia, T. Henning, R. Bender, N. Deacon, A. Riffeser, et al. 2016, “Pan-Planets: searching for Hot Jupiters around cool dwarfs”, *A&A*, **587**, A47-63
144. R.P. Saglia, M. Opitsch, P. Erwin, R., A. Beifiori, M. Fabricius, N. Nowak, S.P. Rusli, J. Thomas, Bender, R., 2016, “The SINFONI Black Hole Survey: The Black Hole

Fundamental Plane revisited and the paths of (co-) evolution of supermassive black holes and bulges.”, *ApJ*, **818**, 47-117

145. J. Chan, A. Beifiori, J.T. Mendel, R.P. Saglia, R. Bender, M. Fossati, A. Galametz, M. Wegner, D. Wilman, M. Cappellari, R. L. Davies, R. C. W. Houghton, L. J. Prichard, I. J. Lewis, R. Sharples, R. J. Smith, J. P. Stott, 2016, “Sizes, Color gradient and resolved stellar mass distribution of the massive cluster galaxies in XMMUJ2235-2557 at $z=1.39$ ”, *MNRAS*, **458**, 3181-3209
146. A. Brucalassi, L. Pasquini, R. Saglia, J. Koppenhoefer, M.T. Ruiz, P. Bonifacio, L. R. Bedin, K. Biazzo, C. Melo, C. Lovis, S. Randich, 2016, “Search for giant planets in M67 III: excess of Hot Jupiters in dense open clusters.”, *A&AL*, **592**, L1-6
147. A. Burkert, N.M. Förster Schreiber, R. Genzel, P. Lang, L.J. Tacconi, E. Wisnioski², S. Wuyts, K. Bandara, A. Beifiori, R. Bender, G. Brammer, J. Chan, R. Davies, A. Dekel, M. Fabricius, M. Fossati, S. Kulkarni, D. Lutz, J.T. Mendel, I. Momcheva, E.J. Nelson, T. Naab, A. Renzini, R. Saglia, R.M. Sharples, A. Sternberg, D. Wilman, E. Wuyts, 2016, “The angular momentum distribution and baryon content of star forming galaxies at $z=1-3$ ”, *ApJ*, **826**, 214-234
148. E. Wuyts, E. Wisnioski, M. Fossati, N. M. Forster-Schreiber, R. Genzel, R. Davies, J.T. Mendel, T. Naab, B. Röttgers, D. J. Wilman, S. Wuyts, K. Bandara, A. Beifiori, S. Belli, R. Bender, G.B. Brammer, A. Burkert, J. Chan, A. Galametz, S. K. Kulkarni, P. Lang, D. Lutz, I.G. Momcheva, E.J. Nelson, D. Rosario, R.P. Saglia, S. Seitz, L.J. Tacconi, K. Tadaki, H. Übler, P. van Dokkum, 2016, “The evolution of metallicity and metallicity gradients from $z=2.7-0.6$ with KMOS^{3D}”, *ApJ*, **827**, 74-91
149. X. Mazzalay, T. Jens, R.P. Saglia, G.A. Wegner, R. Bender, P. Erwin, M.H. Fabricius, S. Rusli, 2016, “The supermassive black hole and double nucleus of the core elliptical NGC 5419”, *MNRAS*, **462**, 2847-2860
150. S. Wuyts, N.M. Förster Schreiber, E. Wisnioski, R. Genzel, A. Burkert, K. Bandaara, A. Beifiori, S. Belli, R. Bender, G.B. Brammer, J. Chan, R. Davies, M. Fossati, A. Galametz, S.K. Kulkarni, P. Lang, D. Lutz, J.T. Mendel, I.G. Momcheva, T. Naab, E.J. Nelson, R.P. Saglia, S. Seitz, L.J. Tacconi, K.I. Tadaki, H. Übler, P.G. van Dokkum, D.J. Wilman, E. Wuyts, 2016, “KMOS^{3D}: Dynamical constraints on the mass budget in early star-forming disks”, *ApJ*, **831**, 149-170
151. C. Obermeier, T. Henning, J. E. Schlieder, I.J.M. Crossfield, E.A. Petigura, A.W. Howard, E. Sinukoff, H. Isaacson, D.R. Ciardi, T.J. David, L.A. Hillenbrand, C.A. Beichman, S.B. Howell, E. Horch, M. Everett, L. Hirsch, J. Teske, J.L. Christiansen, S. Lepine, Kimberly M. Aller, Michael C. Liu, J. Livingston, M. Kluge, R.P. Saglia, 2016b, “K2 discovers a busy bee: an unusual transiting neptune found in the beehive cluster”, *AJ*, **132**, 223-234
152. R.P. Saglia, P. Sánchez-Blázquez, R. Bender, L. Simard, V. Desai, A. Aragón-Salamanca, B. Milvang-Jensen, C. Halliday, P. Jablonka, S. Noll, B. Poggianti, D.I.

- Clowe, G. De Lucia, R. Pello, G. Rudnick, T. Valentinuzzi, S.D.M. White, D. Zaritsky, 2016, “Corrigendum: The fundamental plane of EDisCS galaxies. The effect of size evolution, *A&A*, **524**, A6-39”, *A&A*, **596**, C6-C8
153. E. M. Corsini, G. A. Wegner, J. Thomas, R. P. Saglia, R. Bender, 2017, “The densities of dark matter halos of early-type galaxies in low density environments”, *MNRAS*, **466**, 974-995
154. A. Galametz, R.P. Saglia, Paltani, S., Apostolakos, N., Dubath, P., 2017, “SED-dependent galactic extinction prescription for Euclid and future cosmological surveys”, *A&A*, **598**, A20-A36
155. M. Fossati, D.J. Wilman, J.T. Mendel, R.P. Saglia, A. Galametz, A. Beifiori, R. Bender, J.C.C. Chan, K. Bandara, S. Belli, G.B. Brammer, R. Davies, N.M. Förster Schreiber, R. Genzel, W. Hartley, S.K. Kulkarni, P. Lang, I.G. Momcheva, E.J. Nelson, S. Seitz, L.J. Tacconi, K. Tadaki, H. Übler, P.G. van Dokkum, E. Wisnioski, E. Wuyts, S. Wuyts, 2017, “Galaxy environment in the 3D-HST fields: witnessing the onset of satellite quenching at $z \approx 1 - 2$.”, *ApJ*, **835**, 153-189
156. M. Blaña Díaz, C. Wegg, O. Gerhard, P. Erwin, M. Portail, M. Opitsch, R. Saglia, R. Bender, 2017, “Andromeda chained to the Box - Dynamical Models for M31; Bulge, Bar & Spurs”, *MNRAS*, **466**, 4279-4298
157. R. Genzel, N.M. Förster Schreiber, H. Übler, P. Lang, T. Naab, R. Bender, L.J. Tacconi, E. Wisnioski, S. Wuyts, T. Alexander, A. Beifiori, S. Belli, G. Brammer, A. Burkert, C.M. Carollo, J. Chan, R. Davies, M. Fossati, A. Galametz, S. Genel, O. Gerhard, D. Lutz, J.T. Mendel, I. Momcheva, E.J. Nelson, A. Renzini, R. Saglia, A. Sternberg, S. Tacchella, K. Tadaki, D. Wilman, 2017, “Evidence for Strongly Baryon Dominated Disk Galaxies Ten Billion Years ago”, *Nature*, **543**, 397-401
158. Philipp Lang, Natascha M. Förster Schreiber, Reinhard Genzel, Stijn Wuyts, Emily Wisnioski, Alessandra Beifiori, Sirio Belli, Ralf Bender, Gabe Brammer, Andreas Burkert, Jeffrey Chan, Ric Davies, Matteo Fossati, Audrey Galametz, Sandesh K. Kulkarni, Dieter Lutz, J. Trevor Mendel, Ivelina G. Momcheva, Thorsten Naab, Erica J. Nelson, Roberto P. Saglia, Stella Seitz, Sandro Tacchella, Linda J. Tacconi, Ken-ichi Tadaki, Hannah Übler, Pieter G. van Dokkum, David J. Wilman, 2017, *Falling outer rotation curves of star-forming galaxies at $0.8 \leq z \leq 2.6$ probed with KMOS^{3D} and SINS/ZC-SINF*, *ApJ*, **840**, 92-115
159. Sirio Belli, Reinhard Genzel, Natascha M. Förster-Schreiber, Emily Wisnioski, David J. Wilman, Stijn Wuyts, J. Trevor Mendel, Alessandra Beifiori, Ralf Bender, Gabriel B. Brammer, Andreas Burkert, Jeffrey Chan, Rebecca L. Davies, Ric Davies, Maximilian Fabricius, Matteo Fossati, Audrey Galametz, Philipp Lang, Dieter Lutz, Ivelina G. Momcheva, Erica J. Nelson, Roberto P. Saglia, Linda J. Tacconi, Ken-ichi Tadaki, Hannah Übler, Pieter van Dokkum, 2017, “KMOS^{3D} reveals low-level star formation activity in massive quiescent galaxies at $0.7 < z < 2.7$ ”, *ApJL*, **841**, L6-11

160. A. Brucalassi, J. Koppenhoefer, R. Saglia, L. Pasquini, M.T. Ruiz, P. Bonifacio, L. R. Bedin, K. Biazzo, C. Melo, C. Lovis, S. Randich, 2017, “Search for giant planets in M67: IV Survey results”, *A&A*, **602**, A85
161. H. D. N. Übler, N. M. Förster Schreiber, R. Genzel, E. Wisnioski, S. Wuyts, P. Lang, T. Naab, A. Beifiori, S. Belli, R. Bender, G. B. Brammer, A. Burkert, J. Chan, R. Davies, M. Fabricius, M. Fossati, A. Galametz, D. Lutz, J. T. Mendel, I. G. Momcheva, E. J. Nelson, R. P. Saglia, S. Seitz, L. J. Tacconi, K. Tadaki, P. G. van Dokkum, D. J. Wilman, 2017, ”The evolution of the Tully-Fisher relation between $z \sim 2.3$ and $z \sim 0.9$ with the KMOS^{3D}”, *ApJ*, **842**, 121-142
162. A. Beifiori, J.T. Mendel, J.C.C. Chan, R.P. Saglia, R. Bender, R.L. Davies, A. Galametz, R.C.W. Houghton, D. J. Wilman, M. Cappellari, L. J. Prichard, R. Smith, J.P. Stott, I.J. Lewis, R. Sharples, M. Wegner, 2017, “The KMOS cluster survey (KCS). I - The Fundamental Plane and the formation ages of cluster galaxies at redshift $1.4 < z < 1.6$ ”, *ApJ*, **846**, 120-144
163. Laura J. Prichard, Roger L. Davies, Alessandra Beifiori, Jeffrey C. C. Chan, Michele Cappellari, Ryan C. W. Houghton, J. Trevor Mendel, Ralf Bender, Audrey Galametz, Roberto P. Saglia, Russell Smith, John P. Stott, David J. Wilman, Ian J. Lewis , Ray Sharples, and Michael Wegner, 2017, “The KMOS Cluster Survey (KCS) III: Fundamental Plane of cluster galaxies at $z \approx 1.8$ in JKCS041”, *ApJ*, **850**, 203-224
164. P. Erwin, J. Thomas, R.P. Saglia, M. Fabricius, S.P. Rusli, S. Seitz, R. Bender, 2017, “NGC 307 and the effects of dark-matter halos on measuring supermassive black holes in disc galaxies”, *MNRAS*, **473**, 2251-2274
165. E. Wisnioski, J.T. Mendel, N.M. Förster-Schreiber, R. Genzel, D. Wilman, S. Wuyts, S. Belli, A. Beifiori, R. Bender, G. Bremer, J. Chan, R.I. Davies, R.L. Davies, M. Fabricius, M. Fossati, A. Galametz, P. Lang, D. Lutz, E.J. Nelson, I. Moncheva, D. Rosario, R. Saglia, L.J. Tacconi, K. Tadaki, H. Übler, P.G. Van Dokkum, 2018, “The KMOS3D Survey: Rotating compact star forming galaxies and the decomposition of integrated line widths”, *ApJ*, **855**, 97-112
166. M. Opitsch, M.H. Fabricius, R.P. Saglia, R. Bender, M. Blana, O. Gerhard, 2018, “The bar in the Andromeda galaxy revealed through the kinematics of stars and ionized gas”, *A&A*, **611**, A38-59
167. Jeffrey C.C. Chan, Alessandra Beifiori, Roberto P. Saglia, J. Trevor Mendel, John P. Stott, Ralf Bender, Audrey Galametz, David J. Wilman, Michele Cappellari, Roger L. Davies, Ryan C. W. Houghton, Laura J. Prichard, Russel Smith, Ian J. Lewis, Ray Sharples, Michael Wegner, 2018, “The KMOS Cluster Survey (KCS) II - The effect of environment on the structural properties of massive cluster galaxies at redshift $1.39 < z < 1.61$.”, *ApJ*, **856**, 8-46
168. L. Coccato, M. H. Fabricius, R. P. Saglia, R. Bender, P. Erwin, N. Drory, L. Morelli, 2018, “Spectroscopic decomposition of NGC 3521: unveiling the properties of the bulge and disk”, *MNRAS*, **674**, 1958-1969

169. A. Pizzella, L. Morelli, L. Coccato, R. Bender, E. M. Corsini, E. Dalla Bontá, M. Fabricius, and R.P. Saglia, 2018, “Evidence for the formation of the young counter-rotating stellar disk from gas acquired by IC 719”, *A&A*, **616**, A22-34
170. Matías Blaña Díaz, Ortwin Gerhard, Christopher Wegg, Matthieu Portail, Michael Opitsch, Roberto Saglia, Maximilian Fabricius, Peter Erwin, Ralf Bender, 2018, *Sculpting Andromeda – made-to-measure models for M31’s bar and composite bulge: dynamics, stellar and dark matter mass*, *MNRAS*, **481**, 3210-3243
171. R.P. Saglia, M. Opitsch, M.H. Fabricius, R. Bender, M. Blana, O. Gerhard, 2018, “The stellar populations of the central region of M31”, *A&A*, **618**, A156-176
172. N.M. Förster-Schreiber, H. Übler, R.L. Davies, E. Wisnioski, S. Belli, T. Shimizu, D. Lutz, M. Fossati, R. Herrera-Camus, J.T. Mendel, L.J. Tacconi, D. Wilman, A. Beifiori, G. Brammer, A. Burkert, C.M. Carollo, R.I. Davies, F. Eisenhauer, M. Fabricius, S.J. Lilly, I. Momcheva, T. Naab, E.J. Nelson, S. Price, A. Renzini, R. Saglia, A. Sternberg., P. van Dokkum, S. Wuyts, 2019, *The KMOS^{3D} survey: demographics and properties of galactic outflows at $z=0.6-2.7$* , *ApJ*, **875**, 21-46
173. H. Übler, R. Genzel, E. Wisnioski, N. M. Förster Schreiber, T. T. Shimizu, S. H. Price, L. J. Tacconi, D. J. Wilman, M. Fossati, J. T. Mendel, R. L. Davies, A. Beifiori, S. Belli, R. Bender, G. B. Brammer, A. Burkert, J. Chan, R. I. Davies, M. Fabricius, A. Galametz, R. Herrera-Camus, P. Lang, D. Lutz, I. G. Momcheva, T. Naab, E. J. Nelson, R. P. Saglia, K. Tadaki, P. G. van Dokkum, and S. Wuyts, 2019, *The Evolution and Origin of Ionized Gas Velocity Dispersion from $z \sim 2.6$ to $z \sim 0.6$ with KMOS^{3D}*, *ApJ*, **880**, 48-71
174. E. Wisnioski, N.M. Förster Schreiber, M. Fossati, J.T. Mendel, D. Wilman, R. Genzel, R. Bender, S. Wuyts, R.L. Davies, H. Übler, K. Bandara, A. Beifiori, S. Belli, G. Brammer, J. Chan, R.I. Davies, M. Fabricius, A. Galametz, P. Lang, D. Lutz, E.J. Nelson, I. Momcheva, S. Price, D. Rosarios, R. Saglia, S. Seitz, T. Shimizu, L.J. Tacconi, K. Tadaki, P.G. Van Dokkum, E. Wuyts, 2019, *The KMOS^{3D} survey: data release and final survey paper*, *ApJ*, **886**, 124-148
175. Kianusch Mehrgan, Jens Thomas, Roberto Saglia, Ximena Mazzalay, Peter Erwin, Ralf Bender, Matthias Kluge, and Maximilian Fabricius, 2019, *A 40-billion solar mass black hole in the extreme core of Holm 15A, the central galaxy of Abell 85*, *ApJ*, **887**, 195-213
176. Euclid Collaboration; R. Barnett, ..., R. Saglia, et al., 2019 *Euclid preparation: V. Predicted yield of redshift between 7 and 9 quasars from the wide survey*, *A&A*, **631** A85-104
177. David J. Wilman, Matteo Fossati, J. Trevor Mendel, Roberto Saglia, Emily Wisnioski, Natascha Foörster Schreiber, Alessandra Beifiori, Ralf Bender, Sirio Belli, Stijn Wuyts, Rebecca Davies, Hannah Übler, Erica Nelson, Philipp Lang, Reinhard Genzel, Linda Tacconi, Audrey Galametz, Jeffrey Chan, Sedona Price, Andi Burkert, Ric

- Davies, Dieter Lutz, Ken-ichi Tadaki, Rodrigo Herrera-Camus, Gabriel Brammer, Ivelina Momcheva, Pieter van Dokkum, 2020, *The remarkable regulation of galaxy growth along the size-mass relation by star formation, as traced by $H\alpha$ in KMOS^{3D} galaxies at $0.7 < z < 2.7$* , ApJ, **892**, 1-27
178. Euclid Collaboration, P. Paykari, ... R. Saglia et al., 2020, *Euclid preparation: VI. Verifying the Performance of Cosmic Shear Experiments*, A&A, **635**, A139-157
179. L. Bisigello, U. Kuchner, C.J. Conselice, S. Andreon, M. Bolzonella, P.-A. Duc, B. Garilli, A. Humphrey, C. Maraston, M. Moresco, L. Pozzetti, C. Tortora, G. Zamorani, N. Auricchio, J. Brinchmann, V. Capobianco, J. Carretero, F.J. Castander, M. Castellano, S. Cavuoti, A. Cimatti, R. Cledassou, G. Congedo, L. Conversi, L. Corcione, M.S. Cropper, S. Dusini, M. Frailis, E. Franceschi, P. Franzetti, M. Fumana, F. Hormuth, H. Israel, K. Jahnke, S. Kermiche, T. Kitching, R. Kohley, B. Kubik, M. Kunz, O. Le Fèvre, S. Ligi, P.B. Lilje, I. Lloro, E. Maiorano, O. Marggraf, R. Massey, D.C. Masters, S. Mei, Y. Mellier, G. Meylan, C. Padilla, S. Paltani, F. Pasian, V. Pettorino, S. Pires, G. Polenta, M. Poncet, F. Raison, J. Rhodes, M. Roncarelli, E. Rossetti, R. Saglia, M. Sauvage, P. Schneider, A. Secroun, S. Serrano, F. Sureau, A.N. Taylor, I. Tereno, R. Toledo-Moreo, L. Valenziano, Y. Wang, M. Wetzstein, J. Zoubian, 2020, *Euclid : The selection of quiescent and star-forming galaxies using observed colours*, MNRAS, **494**, 2337-2354
180. M. A. Schmitz, J. -L. Starck, F. Ngole Mboula, N. Auricchio, J. Brinchmann, R. I. Vito Capobianco, R. Clédassou, L. Conversi, L. Corcione, N. Fourmanoit, M. Frailis, B. Garilli, F. Hormuth, D. Hu, H. Israel, S. Kermiche, T. D. Kitching, B. Kubik, M. Kunz, S. Ligi, P. B. Lilje, I. Lloro, O. Mansutti, O. Marggraf, R. J. Massey, F. Pasian, V. Pettorino, F. Raison, J.D. Rhodes, M. Roncarelli, R.P. Saglia, P. Schneider, S. Serrano, A.N. Taylor, R. Toledo-Moreo, L. Valenziano, C. Vuerli, J. Zoubian, 2020, *Euclid: Non-parametric point spread function field recovery through interpolation on a Graph Laplacian*, A&A, **636**, A78-95
181. A.C. Deshpande, ... R. Saglia et al., 2019, *Euclid: On the reduced shear approximation and magnification bias for Stage IV cosmic shear experiment*, A&A, **636**, A95-110
182. S. Pires, ... R. Saglia et al. 2020, *Euclid: Reconstruction of Weak Lensing mass maps for non-Gaussianity studies*, A&A, **638**, A141-156
183. C. Obermeier, J. Steuer, H. Kellermann, R. P. Saglia, Th. Henning, A. Riffeser, U. Hopp, G. Stefansson, C. Cañas, J. Ninan, John Livingston, J. Koppenhoefer, R. Bender, 2020, “Following the TraCS of exoplanets with Pan-Planets: Wendelstein-1b and Wendelstein-2b”, A&A, **639**, A130-142
184. S. de Nicola, R.P. Saglia, J. Thomas, W. Dehnen, R. Bender, 2020, “Non-parametric triaxial deprojection of elliptical galaxies”, MNRAS, **496**, 3076-3100

185. M. Cappetta, R.P. Saglia, J.L. Birkby, J. Koppenhöfer, D.J. Pinfield, S.T. Hodgkin, P. Cruz, G. Kovacs, B. Sipocz, D. Barrado, B. Nefs, Y.V. Pavlenko, L. Fossati, C. Del Burgo, E.L. Martin, I. Snellen, J. Barnes, S. Catalan, H. Deeg, C. del Burgo, M.C. Galvez-Ortiz, N. Goulding, C. Haswell, O. Ivanyuk, H. Jones, M. Kuznetsov, N. Lodieu, F. Marocco, D. Mislis, A. Moya, F. Murgas, R. Napiwotzki, E. Palle, D. Pollacco, L. Sarro Baro, E. Solano, P. Steele, H. Stoev, R. Tata, J. Zendejas, 2020, “Erratum: [The first planet detected in the WTS, an inflated hot-Jupiter in a 3.35 days orbit around a late F-star]”, *MNRAS*, **497**, 916
186. J. Trevor Mendel, Alessandra Beifiori, Roberto P. Saglia, Ralf Bender, Gabriel B. Brammer, Jeffrey Chan, Pieter G. Van Dokkum, Natascha M. Förster Schreiber, Matteo Fossati, Audrey Galametz, Ivelina G. Momcheva, Erica J. Nelson, David J. Wilman, Stijn Wuyts, 2020, *The kinematics of massive quiescent galaxies at $1.4 < z < 2.1$: dark matter fractions, IMF variation, and the relation to local early-type galaxies*, *ApJ*, **899**, 87-116
187. Euclid Collaboration: V. Guglielmo, R. Saglia, et al., 2019 *Euclid preparation: The complete calibration of the colour-redshift relation (C3R2) Survey: VLT/KMOS observations and data release*, *A&A*, **642**, A192-211
188. R. Genzel, S. H. Price, H. Übler, N. M. Förster Schreiber, T. T. Shimizu, L. J. Tacconi, R. Bender, A. Burkert, A. Contursi, R. Coogan, R. L. Davies, R. I. Davies, A. Dekel, R. Herrera-Camus, M. Lee, D. Lutz, T. Naab, R. Neri, A. Nestor, A. Renzini, R. Saglia, K. Schuster, A. Sternberg, E. Wisnioski, S. Wuyts, 2020, *Rotation Curves in z 1-2 Star-Forming Disks: Evidence for Cored Dark Matter Distributions*, *ApJ*, **902**, 98-127
189. Euclid Collaboration, A. Blanchard, ... R. Saglia et al., 2020, *Euclid preparation: VII. Forecast validation for Euclid cosmological probes*, *A&A*, **642**, A191-255
190. H. A. Flewelling, E. A. Magnier, K. C. Chambers, J. N. Heasley, C. Holmberg, M. E. Huber, W. Sweeney, C. Z. Waters, T. Chen, D. Farrow, G. Hasinger, R. Henderson, K. S. Long, N. Metcalfe, M. A. Nieto-Santisteban, P. Norberg, R. P. Saglia, A. Szalay, A. Rest, A. R. Thakar, J. L. Tonry, J. Valenti, S. Werner, R. White, L. Denneau, P. W. Draper, R. Jedicke, R.-P. Kudritzki, P. A. Price, S. Chastel, B. McClean, M. Postman, B. Shiao, 2020, “The Pan-STARRS1 Database and Data Products”, *ApJS*, **251**, 7-68
191. I. Tutusaus, ..., R.P. Saglia et al. 2020, “Euclid: The importance of galaxy clustering and weak lensing cross-correlations within the photometric Euclids urvey”, *A&A*, **643**, A70-86
192. Euclid Collaboration: G. Desprez, ..., R.P. Saglia et al. 2020, “Euclid preparation: X. The Euclid photometric-redshift challenge”, *A&A*, **644**, A31-55
193. Pöntinen, M., ..., R.P. Saglia et al., 2020, “Euclid: Identification of asteroid streaks in simulated images using StreakDet software”, *A&A*, **644**, A35-46

194. M. Martinelli, ... R. Saglia, et al. 2020, “Euclid: Forecast constraints on the cosmic distance duality relation with complementary external probes”, *A&A*, **644**, A80-92
195. B. Neureiter, J. Thomas, R. Saglia, R. Bender, F. Finozzi, A. Krukau, A. Rantala, M. Frigo, 2021, *SMART: a new implementation of Schwarzschild’s orbit superposition technique for triaxial galaxies and its application to an N-body merger simulation*, *MNRAS*, **500**, 1437-1465
196. Peter Erwin, Anil Seth, Victor P. Debattista, Marja Seidel, Kianusch Mehrgan, Jens Thomas, Roberto Saglia, Adriana de Lorenzo-Caáceres, Witold Maciejewski, Maximilian Fabricius, Jairo Meéndez-Abreu, Ulrich Hopp, Matthias Kluge, John E. Beckman, Ralf Bender, Niv Drory and Deanne Fisher, 2021, *Composite Bulges – II. Classical Bulges and Nuclear Disks in Barred Galaxies: The Contrasting Cases of NGC 4608 and NGC 4643*, *MNRAS*, **502**, 2446-2473
197. Rebecca L. Davies, N. M. Foerster Schreiber, R. Genzel, T. T. Shimizu, R. I. Davies, A. Schrubba, L. J. Tacconi, H. Übler, E. Wisnioski, S. Wuyts, M. Fossati, R. Herrera-Camus, D. Lutz, J. T. Mendel, T. Naab, S.H. Price, A. Renzini, D. Wilman, A. Beifiori, S. Belli, A. Burkert, J. Chan, A. Contursi, M. Fabricius, M. M. Lee, R. P. Saglia, and A. Sternberg, 2021, *The KMOS3D Survey: Investigating the Origin of the Elevated Electron Densities in Star-Forming Galaxies at z between 1 and 3*, *ApJ*, **909**, 78-104
198. G. Gajda, O. Gerhard, M. Blaña, L. Zhu, J. Shen, R.P. Saglia, R. Bender, 2021, *Unravelling stellar populations in the Andromeda Galaxy*, *A&A*, **647**, A131-150
199. Euclid Collaboration: O. Ilbert, ..., R.P. Saglia et al. 2021, *Euclid preparation: XI. Mean redshift determination from galaxy redshift probabilities from cosmic shear tomography*, *A&A*, **647**, A117-130
200. M. Knabenhans, ..., R.P. Saglia et al. 2021, *Euclid preparation: IX. EuclidEmulator2 - Power spectrum emulation with massive neutrinos and self-consistent dark energy perturbations*, *MNRAS*, **505**, 2840-2869
201. M. Martinelli, ... R. Saglia, et al. 2021, *Euclid: impact of nonlinear prescriptions on cosmological parameter estimation from weak lensing cosmic shear*, *A&A*, **649**, A100-116
202. P.L. Taylor, ..., R. Saglia et al. 2021, *EUCLID: Forecasts for K-cut 3x2 point statistics*, *Open Journal of Astrophysics*, **4**, 6
203. A. Fumagalli, ..., R. Saglia et al. 2021, *Euclid: Effect of sample covariance on the number counts of galaxy clusters*, *A&A*, **652**, A21-35
204. S.A. Stanford, ..., R. Saglia et al. 2020, *Euclid Preparation. XIV. The complete calibration of the Color-Redshift Relation (C3R2) Survey: Data Release 3*, *ApJSS*, **256**, 9-20

205. Euclid Collaboration: A. Pocino, ..., R. Saglia et al. 2021, *Euclid preparation: XII. Optimizing the photometric sample of the Euclid survey for galaxy clustering analysis*, A&A, **655**, A44-64
206. M. Martinelli, ..., R.P. Saglia et al., 2021b, *Euclid: constraining dark energy coupled to electromagnetism using astrophysical and laboratory data*, A&A, **654**, A148-161
207. Price, S. H.; Shimizu, T. T.; Genzel, R.; Uebler, H.; Foerster Schreiber, N. M.; Tacconi, L. J.; Davies, R. I.; Coogan, R. T. ; Lutz, D. ; Wuyts, S. ; Wisnioski, E.; Nestor, A.; Sternberg, A. ; Burkert, A. ; Bender, R. ; Contursi, A.; Davies, R. L.; Herrera-Camus, R.; Lee, M. -J.; Naab, T. Neri, R.; Renzini, A.; Saglia, R.; Schrubba, A.; Schuster, K., 2021, *Rotation Curves in z 1-2 Star-Forming Disks: Comparison of Dark Matter Fractions and Disk Properties for Different Fitting Methods*, ApJ, **922**, 143-162
208. Jimenez-Munoz, A., ..., R.P. Saglia et al. 2021, *Euclid: Estimation of the impact of correlated readout noise for flux measurements with the Euclid NISP instrument*, PASP, **133**, 1028-1040
209. H. Bretonniere, ..., R.P. Saglia et al., 2022, *Euclid preparation: XVI. Forecasts for galaxy morphology with the Euclid Survey using Deep Generative Models*, A&A, **657**, A90-110
210. Ilic, S., ..., R.P. Saglia et al. 2022, *Euclid preparation: XV. Forecasting cosmological constraints for the Euclid and CMB joint analysis*, A&A, **657**, A91-108
211. A.S. Borlaff, ..., R.P. Saglia et al. 2022, *Euclid preparation: XVI. Exploring the ultra low-surface brightness Universe with Euclid/VIS*, A&A, **657**, A92-112
212. A. Moneti, ..., R.P. Saglia et al. 2022, *Euclid preparation: XVIII. Cosmic Dawn Survey. Spitzer observations of the Euclid deep fields and calibration fields*, **658**, A126-140
213. N. Hamaus, ..., R.P. Saglia et al. 2022, *Euclid: Forecasts from redshift-space distortions and the Alcock-Paczynski test with cosmic voids*, A&A, **658**, A20-33
214. M.S. Cagliari, ..., R.P. Saglia et al. 2022, *Euclid: Constraining ensemble photometric redshift distributions with stacked spectroscopy*, A&A, **660**, A9-24
215. S. Nesseris, ..., R.P. Saglia et al. 2022, *Euclid: Forecast constraints on consistency tests of the Λ CDM models*, **660**, A67-89
216. R.E. Upham, ..., R.P. Saglia et al. 2022, *Euclid: Covariance of weak lensing pseudo- Cl estimates. Calculation, comparison to simulations, and dependence on survey geometry*, **660**, A114-128
217. R. Scaramella, ..., R.P. Saglia et al. 2022, *Euclid: The Euclid Wide Survey*, A&A, **662**, A112-152

218. F. Lepori, ..., R.P Saglia et al. 2022, *Euclid preparation: XIX. Impact of magnification on photometric galaxy clustering*, A&A, **662**, A93-118
219. M. Schirmer, ..., R.P Saglia et al. 2022, *Euclid preparation: XVIII. The NISP photometric system*, A&A, **662**, A92-123
220. S. de Nicola, R. Saglia, J. Thomas, C. Pulsoni, M. Kluge, R. Bender, L. Valenzuela, R. Remus 2022, “Intrinsic shapes of Brightest Cluster Galaxies”, ApJ, **933**, 215-236
221. Z. Feng, Z. Lu, J. Shen, O. Gerhard, R.P. Saglia, M. Blana, 2022, *Large-scale hydrodynamical shocks as the smoking gun evidence for the bar in M31*, ApJ, **933**, 233-246
222. R. Saglia et al. 2022, *Euclid preparation: XX The complete calibration of the Colour-Redshift relation: LBT observation and data release*, A&A, **664**, A196-217
223. A. Loureiro, ..., R. Saglia et al., 2022, *it KiDS & Euclid: Cosmological implications of a pseudo angular power spectrum analysis of KiDS-1000 cosmic shear tomography*, **665**, A56-78
224. E. Keihänen, ..., R.P. Saglia et al. 2022, *Euclid: Fast two-point correlation function covariance through linear construction*, A&A, **666**, A129-145
225. T.J. Moriya, ..., R.P. Saglia et al. 2022, *Euclid: Discovering pair-instability supernovae with the Deep Survey*, A&A, **666**, A157-168
226. S. van Mierlo, ..., R.P. Saglia et al. 2022, *Euclid Preparation: XXI. Intermediate-redshift contaminants in the search for $z > 6$ galaxies within the Euclid Deep Survey*, A&A, **666**, A200-226
227. Stefano de Nicola, Bianca Neureiter, Jens Thomas, Roberto P. Saglia, Ralf Bender, 2022, *Accuracy and precision of triaxial orbit models II: Viewing angles, shape and orbital structure*, MNRAS, **517**, 3445-3458
228. S. Contarini, ..., R.P. Saglia et al. 2022, *Euclid: Cosmological forecasts from the void size function*, A&A, **667**, A162-181
229. S. van Mierlo, ..., R.P. Saglia et al. 2022, *Euclid Preparation: XXI. Intermediate-redshift contaminants in the search for $z > 6$ galaxies within the Euclid Deep Survey*, A&A, **668**, C3-5
230. Bianca Neureiter, Stefano de Nicola, Jens Thomas, Roberto P. Saglia, Ralf Bender, 2023, *Accuracy and precision of triaxial orbit models I: SMBH mass, stellar mass and dark matter halo*, MNRAS, **519**, 2004-2016
231. M. Bonici, ..., R.P. Saglia et al., 2023, *Euclid: Forecasts from the void-lensing cross-correlation*, A&A, **670**, A47-66
232. K. Naidoo, ..., R.P. Saglia et al., 2023, *Euclid: Calibrating photometric redshifts with spectroscopic cross-correlations*, A&A, **670**, A149-162

233. A. Nestor Shachar, ..., R.P. Saglia et al., 2023, *RC100: Rotation Curves of 100 Massive Star-Forming Galaxies at $z=0.6-2.5$ Reveal Little Dark Matter on Galactic Scales*, ApJ, **944**, 78-102
234. L. Bisigello, ..., R.P. Saglia et al., 2023, *Euclid preparation: XXIII. Derivation of galaxy physical properties with deep machine learning using mock fluxes and H-band images*, MNRAS, **520**, 3529-3548
235. D. Camarena, ..., R.P. Saglia et al. 2023, *Euclid: Testing the Copernican principle with next-generation surveys*, A&A, **671**, A68-82
236. T. Castro, ..., R.P. Saglia et al. 2023, *Euclid preparation. XXIV. Calibration of the halo mass function in $\Lambda(\nu)$ CDM cosmologies*, A&A, **671**, A100-124
237. A. Humphrey, ..., R.P. Saglia et al., 2023, *Euclid preparation: XXII. Selection of Quiescent Galaxies from Mock Photometry using Machine Learning*, A&A, **671**, A99-134
238. E. Merlin, ..., R.P. Saglia et al., 2023, *Euclid preparation: XXV. The Euclid morphology challenge: Towards model-fitting photometry for billions of galaxies*, A&A, **671**, A101-128
239. L. Cabayol, ..., R.P. Saglia et al., 2023, *The PAU Survey and Euclid: Improving broad-band photometric redshifts with multi-task learning*, A&A, **671**, A153-175
240. K. Mehrgan, J. Thomas, R. Saglia, T. Parikh, R. Bender, 2023, *Detailed shapes of the line-of-sight velocity distributions in massive early-type galaxies from non-parametric spectral models*, ApJ, **948**, 79-108
241. H. Bretonniere, ..., R.P. Saglia et al. 2023: *Euclid preparation XXVI: The Euclid Morphology Challenge. Towards structural parameters for billions of galaxies*, A&A, **671**, A102-130

Instrumentation papers

242. R.M. Sharples, R. Bender, M. Lehnert, S.K., Ramsay Howat, M. Bremer, R.L. Davies, R. Genzel, R. Hofmann, R.J. Ivison, R. Saglia, N.A. Thatte, 2004, “KMOS: an infrared multiple object integral field spectrograph for the ESO VLT”, Proc SPIE, **5492**, 1179-1186
243. R.M. Sharples, R. Bender, R. Bennett, K. Burch, P. Carter, M. Casali, P. Clark, R. Bontent, R. Davies, R. Davies, M. Dubbledam, G. Finger, R. Genzel, R. Haefner, A. Hess, M. Kissler-Patig, K. Laidlaw, M. Lehnert, I. Lewis, A. Moorwood, B. Muschiok, N. Förster Schreiber, J. Pirard, S.K., Ramsay Howat, P. Ressa, J. Richter, D. Robertson, I. Robson, R. Saglia, M. Tecza, N.A. Thatte, S. Todd, M. Wagner, 2006, “Design of the KMOS multi-object integral field spectrograph”, Proc SPIE, **6269**, 62691C

244. R. Davies, N. Ageorges, L. Barl, L. Bedin, R. Bender, P. Bernardi, F. Chapron, Y. Clenet, A. Deep, E. Deul, M. Drost, F. Eisenhauer, R. Falomo, G. Fiorentino, N.M. Förster Schreiber, E. Gendron, R. Genzel, D. Gratadour, L. Greggio, F. Grupp, E. Held, T. Herbst, H.-J. Hess, Z. Hubert, K. Jahnke, K. Kuijken, D. Lutz, D. Magrin, B. Muschielok, R. Navarro, E. Noyola, T. Paumard, G. Piotto, R. Ragazzoni, A. Renzini, H.-W. Rix, G. Rousset, R. Saglia, L. Tacconi, M. Thiel, S. E. Tolstoy, Trippe, N. Tromp, E. Valentijn, G. Verdoes Kleijn, M. Wegner, 2010, “MICADO: the E-ELT Adaptive Optics Imaging Camera”, SPIE, 35, 77352A-77352A-12
245. M. Schweitzer, R. Bender, R. Katterloher, F. Eisenhauer, R. Hofmann, R. Saglia, R. Holmes, O. Krause, H.-W. Rix, J. Booth, P. Fragrelius, J. Thodes, S. Seshadri, A. Refregier, J. Amiaux, J.-L. Augeres, O. Boulade, C. Cara, A. Amara, S. Lilly, E. Atad-Ettdgui, A.-M. Di Giorgio, L. Duvet, C. Kuehl, M. Syed, 2010, “NIP - The near infrared imaging photometer for Euclid”, SPIE, **7731**, 77311K-77311K-12
246. R. Sharples, R. Bender, A. Agudo Barbel, R. Bennett, N. Bezawada, N. Bouché, D. Bramall, M. Casali, M. Cirasuolo, P. Clark, M. Cliffe, R. Davies, R. Davies, N. Drory, M. Dubbeldam, A. Fairley, G. Finger, R. Genzel, R. Haefner, A. Hess, P. Jeffers, I. Lewis, D. Montgomery, J. Murray, B. Muschielok, N. Förster Schreiber, J. Pirard, S. Ramsay-Howat, P. Rees, J. Richter, D. Robertson, I. Robson, S. Rolt, R. Saglia, J. Schlichter, M. Tecza, S. Todd, M. Wegner, E. Wiezorrek, 2010, “Recent progress on the KMOS multi-object integral-field spectrograph for ESO VLT”, SPIE, **7735**, 773515-773515-8
247. M.H. Fabricius, F. Grupp, R. Bender, N. Drory, J. Arns, S. Barnes, C. Gössl, J. Snigula, G.J. Hill, U. Hopp, F. Lang-Bardl, P.J. MacQueen, R. Saglia, P. Wullstein, 2012, “VIRUS-W: Commissioning and first-year results of a new integral field unit spectrograph dedicated to the study of spiral galaxy bulges”, SPIE, **8446**, 5SK
248. Sharples, Ray, Bender, Ralf, Agudo Berbel, Alex, Bennett, Richard, Bezawada, Naidu, Cirasuolo, Michele, Clark, Paul, Davidson, George, Davies, Richard, Davies, Roger, Dubbeldam, Marc, Fairley, Alasdair, Finger, Gert, Genzel, Reinhard, Haefner, Reinhold, Hess, Achim, Lewis, Ian, Montgomery, David, Murray, John, Muschielok, Bernard, Förster-Schreiber, Natascha, Pirard, Jeff, Ramsay, Suzanne, Rees, Phil, Richter, Josef, Robertson, David, Robson, Ian, Rolt, Stephen, Saglia, Roberto, Schlichter, Jörg, Tecza, Mathias, Todd, Stephen, Wegner, Michael, Wiezorrek, Erich, 2012, “Status of the KMOS multi-object near-infrared integral field spectrograph”, SPIE, **8446**, 0KS
249. Cirasuolo, M., Afonso, J., Bender, R., Bonifacio, P., Evans, C., Kaper, L., Oliva, E., Vanzi, L., Abreu, M., Atad-Ettdgui, E., Babusiaux, C., Bauer, F., Best, P., Bezawada, N., Bryson, I., Cabral, A., Caputi, K., Centrone, M., Chemla, F., Cimatti, A., Cioni, M-R., Clementini, G., Coelho, J., Daddi, E., Dunlop, J., Feltzing, S., Ferguson, A., Flores, H., Fontana, A., Fynbo, J., Garilli, B., Glauser, A., Guinouard, I., Hammer, F., Hastings, P., Hess, A., Ivison, R., Jagourel, P., Jarvis, M., Kauffman, G., Lawrence, A., Lee, D., Licausi, G., Lilly, S., Lorenzetti, D., Maiolino, R.,

Mannucci, F., McLure, R., Minniti, D., Montgomery, D., Muschelok, B., Nandra, K., Navarro, R., Norberg, P., Origlia, L., Padilla, N., Peacock, J., Pedicini, F., Pentericci, L., Pragt, J., Puech, M., Randich, S., Renzini, A., Ryde, N., Rodrigues, M., Royer, F., Saglia, R., Sanchez, A., Schnetler, H., Sobral, D., Speziali, R., Todd, S., Tolstoy, E., Torres, M., Venema, L., Vitali, F., Wegner, M., Wells, M., Wild, V., Wright, G., 2012, “MOONS: a Multi-Object Optical and Near-infrared Spectrograph for the VLT “, SPIE, **8446**, OSC

250. Sharples, R., Bender, R., Agudo Berbel, A., Bennett, R., Bezawada, Naidu, Castillo, R., Cirasuolo, M., Clark, P., Davidson, G., Davies, R., Davies, R., Dubbeldam, M., Fairley, A., Finger, G., Schreiber, N. F., Genzel, R., Haefner, R., Hess, A., Jung, I., Lewis, I., Montgomery, D., Murray, J., Muschelok, B., Pirard, Jeff, Ramsay, S., Rees, P., Richter, J., Robertson, David, Robson, I., Rolt, S., Saglia, R., Saviane, I., Schlichter, J., Schmidtobreik, L., Segovia, A., Smette, A., Tecza, M., Todd, S., Wegner, M., Wiezorrek, E., 2014, “Performance of the K-band multi-object spectrograph (KMOS) on the ESO VLT”, SPIE, **9147**, OWS
251. Cirasuolo, M., Afonso, J., Carollo, M., Flores, H., Maiolino, R., Oliva, E., Paltani, S., Vanzi, L., Evans, C., Abreu, M., Atkinson, David, Babusiaux, C., Beard, Steven, Bauer, F., Bellazzini, M., Bender, Ralf, Best, P., Bezawada, N., Bonifacio, P., Bragaglia, A., Bryson, I., Busher, D., Cabral, A., Caputi, K., Centrone, M., Chemla, F., Cimatti, A., Cioni, M.-R., Clementini, G., Coelho, J., Crnojevic, D., Daddi, E., Dunlop, J., Eales, S., Feltzing, S., Ferguson, A., Fisher, M., Fontana, A., Fynbo, J., Garilli, B., Gilmore, G., Glauser, A., Guinouard, I., Hammer, F., Hastings, P., Hess, A., Ivison, R., Jagourel, P., Jarvis, M., Kaper, L., Kauffman, G., Kitching, A. T., Lawrence, A., Lee, D., Lemasle, B., Licausi, G., Lilly, S., Lorenzetti, D., Lunnay, D., Maiolino, R., Mannucci, F., McLure, R., Minniti, D., Montgomery, D., Muschelok, B., Nandra, K., Navarro, R., Norberg, P., Oliver, S., Origlia, L., Padilla, N., Peacock, J., Pedichini, F., Peng, J., Pentericci, L., Pragt, J., Puech, M., Randich, S., Rees, P., Renzini, A., Ryde, N., Rodrigues, M., Roseboom, I., Royer, F., Saglia, R., Sanchez, A., Schiavon, R., Schnetler, H., Sobral, D., Speziali, R., Sun, D., Stuik, R., Taylor, A., Taylor, W., Todd, S., Tolstoy, E., Torres, M., Tosi, M., Vanzella, E., Venema, L., Vitali, F., Wegner, M., Wells, M., Wild, V., Wright, G., Zamorani, G., Zoccali, M., 2014, “MOONS: the Multi-Object Optical and Near-infrared Spectrograph for the VLT”, SPIE, **9147**, ONC

Papers in preparation

252. K. C. Chambers, E. A. Magnier, N. Metcalfe, H. A. Flewelling, M. E. Huber, C. Z. Waters, L. Denneau, P. W. Draper, D. Farrow, D. P. Finkbeiner, C. Holmberg, J. Koppenhoefer, P. A. Price, R. P. Saglia, E. F. Schlafly Hubble, S. J. Smartt, W. Sweeney, R. J. Wainscoat, W. S. Burgett, T. Grav, J. N. Heasley, K. W. Hodapp, R. Jedicke, N. Kaiser, R.-P. Kudritzki, G. A. Luppino, R. H. Lupton, D. G. Monet, J. S. Morgan, P. M. Onaka, C. W. Stubbs, J. L. Tonry, E. Banados, E. F. Bell, R. Bender, E. J. Bernard, M.T. Botticella S. Casertano S. Chastel, W.-P. Chen X. Chen, S. Cole N. Deacon, C. Frenk, A. Fitzsimmons, S. Gezari, C. Goessl, T.

Goggia, B. Goldman, E. K. Grebel, N.C. Hambly, G. Hasinger, A. F. Heavens, T. Heckman, T. Henning, M. Holman, U. Hopp, W.-H. Ip, S. Isani, C.D. Keyes, A. Koekemoer, K. S. Long, J.R. Lucey, N.F. Martin, B. McLean, E. Morganson, D.N.A. Murphy, M. A. Nieto-Santisteban, P. Norberg, J.A. Peacock, M. Postman, C. Rae, A. Rest, A. Riess, A. Riffeser, H.W. Rix, S. Roser, E. Schilbach, A. S. B. Schultz, D. Scolnic, S. Seitz, B. Shiao, K. W. Smith, D. Soderblom, A.R. Thakar, D. Thilker, Y. Urata, J. Valenti, F. Walter, R. White, W. M. Wood-Vasey, R. Wyse, 2017, “The Pan-STARRS1 Surveys”, ApJ, in prep.

Conference Proceedings

253. G. Bertin, R.P. Saglia, M. Stiavelli, 1987, “Spiraling into the $R^{1/4}$ luminosity law of ellipticals”, *New ideas in Astronomy* (Arp Symposium, Venice, May 1987), Cambridge University Press, Eds. F. Bertola, J. Sulentic, B. Madore, pg. 93-95
254. R.P. Saglia, G. Bertin, M. Stiavelli, 1989, “Dark matter in elliptical galaxies”, in the Proceedings of the Conference *Large Scale Structure and Motions in the Universe* (Trieste, April 1988) Kluwer Academic Publishers, Eds. M. Mezzetti, G. Giuricin, M. Mardirossian, M. Ramella, pg. 431-432
255. G. Bertin, R.P. Saglia, M. Stiavelli, 1989, “The luminosity law of ellipticals: a test of a family of anisotropic models on eight ellipticals” *The world of Galaxies* (Proceedings of the Symposium in honor of G. De Vaucouleurs, Paris, April 1988), Springer Verlag, Eds. H.G. Corwin Jr, L. Bottinelli, pg. 232-234.
256. G. Bertin, R.P. Saglia, M. Stiavelli, 1989, “Is there dark matter in elliptical galaxies?” *Astronomy, Cosmology and Fundamental Physics* (Proceedings of the Third ESO-CERN Symposium, Bologna, May 1988) Kluwer Academic Publishers, Eds. M. Caffi et al., pg. 303-307
257. R.P. Saglia, G. Bertin, M. Stiavelli, 1989 “Self-consistent models of spherical galaxies with dark matter” in the Proceeding of the Conference *Dynamics and Interactions of Galaxies* (Heidelberg, May 1989), Springer Verlag, Ed. R. Wielen, 359-360
258. G. Bertin, R.P. Saglia, 1990 “Dynamics of elliptical galaxies”, Proceedings of the Workshop *Chemical and dynamical evolution of galaxies* (Marciana Marina, September 1989), pg. 454-471, Eds. F. Ferrini, J. Franco, F. Matteucci
259. G. Bertin, F. Bertola, L.M. Buson, I.J. Danziger, H. Dejonghe, E.M. Sadler, R.P. Saglia, M. Vietri, T. De Zeeuw, W.W. Zeilinger, 1990 “Gaseous disks in elliptical galaxies”, IAU Symp. 146 *Dynamics of galaxies and molecular clouds distribution*, Eds. F. Combes & F. Casoli, pg. 43
260. G. Bertin, R.P. Saglia, M. Stiavelli, 1990, “Elliptical galaxies with dark matter”, Proceedings of the Conference *Morphological and physical classification of galaxies*, Sant’Agata (Naples), September 1990, G. Longo, M. Capaccioli, G. Busarello Eds., Kluwer, p. 391-392

261. G. Bertin, F. Bertola, L.M. Buson, I.J. Danziger, H. Dejonghe, E.M. Sadler, R.P. Saglia, T. De Zeeuw, W.W. Zeilinger, 1992 “The ESO Key Programme: A search for dark matter in elliptical galaxies”, 2nd DAEC Meeting *The Distribution of Matter in the Universe*, Observatoire Meudon, Eds. G. A. Mamon, D. Gerbal, pg. 20-25
262. R.L. Davies, G. Baggley, E. Bertschinger, D. Burstein, R. McMahan, R.P. Saglia, G. Wegner, 1992 “The distances to elliptical galaxies”, Proc. ESO/EIPC Workshop, Structure, Dynamics and Chemical Evolution of Early-Type Galaxies, Isola d’Elba, p.159-170
263. P. Amico, G. Bertin, F. Bertola, L.M. Buson, I.J. Danziger, H. Dejonghe, A. Pizzella, E.M. Sadler, R.P. Saglia, T. De Zeeuw, W.W. Zeilinger, 1992 “A search for dark matter in elliptical galaxies: preliminary results from an ESO Key Program”, Proc. ESO/EIPC Workshop, Structure, Dynamics and Chemical Evolution of Early-Type Galaxies, Isola d’Elba, p. 225-235
264. G. Baggley, R.L. Davies, E. Bertschinger, D. Burstein, M. Colless, R. McMahan, R.P. Saglia, G. Wegner, 1993, “Determining the relative distances to elliptical galaxies”, Proc. of the Conference “Cosmic velocity fields”, F.R. Bouchet, M. Lachièze-Rey Eds., 10-14 July, Paris, Editions Frontieres, p. 513-514
265. R.P. Saglia, R. Bender, O. Gerhard, G. Jeske, 1995, “Searching for dark matter in elliptical galaxies”, Proc. of the 17th Texas Symposium on Relativistic Astrophysics, 12-17 December 1994, Munich, MPE Report **261**
266. R.P. Saglia, 1995, “Large-scale flows in the Universe”, AG Abstracts Series **11**, 55
267. R.P. Saglia, 1995, “Peculiar motions of galaxies as a test for cosmological models”, Proc. Ringberg Workshop, 6-10 March 1995, Ringberg, A. Weiss et al. Eds., p. 215-223
268. L.M. Buson, M. Bernardi, F. Bertola, F. Bertola, G. Bertin, M. Stiavelli, H. Dejonghe, R.P. Saglia, W.W. Zeilinger, 1995, “Shape of Line Profiles and Dark Matter in E Galaxies”, Proc. of the Conference “Fresh views on elliptical galaxies”, Puebla, Mexico (14-17 March 1995), A. Buzzoni, A. Renzini, A. Serrano, Eds., ASP 86, p. 49-52
269. R.P. Saglia, 1996, “Dark Matter Halos”, Proc. of the IAU 171 Symposium “New light on Galaxy Evolution”, Heidelberg, Germany (25-30 June 1995), R. Bender, R.L. Davies Eds, p. 157-165
270. G. Jeske, O. Gerhard, R. Bender, R.P. Saglia, 1996, “Breaking the degeneracy between anisotropy and mass in spherical galaxies. NGC 6703 as an example”, Proc. of the IAU 171 Symposium “New light on Galaxy Evolution”, Heidelberg, Germany (25-30 June 1995), R. Bender, R.L. Davies Eds, p. 397
271. C. Halliday, R.L. Davies, M. Birkinshaw, G. Baggley, R. Bender, R.P. Saglia, 1996, “Line-strength indices within low-luminosity elliptical galaxies”, Proc. of the IAU

- 171 Symposium “New light on Galaxy Evolution”, Heidelberg, Germany (25-30 June 1995), R. Bender, R.L. Davies Eds, p. 387
272. D. Mehlert, R. Bender, R.P. Saglia, G. Wegner, I. Jørgensen, 1996, “Properties of E and S0 galaxies in the Coma cluster as a function of environmental density”, Proc. of the IAU 171 Symposium “New light on Galaxy Evolution”, Heidelberg, Germany (25-30 June 1995), R. Bender, R.L. Davies Eds, p. 419
273. R. Bender, R.P. Saglia, B. Ziegler, 1997, “Evolution of Early-Type Galaxies up to $z \approx 1$ ”, Proc. of the ESO Workshop on “The Early Universe with the VLT”, Garching, Germany (1-4 April 1996), J. Bergeron Ed., Springer (Berlin), p.105-112
274. P. Belloni, R. Bender, U. Hopp, R.P. Saglia, B. Ziegler, 1997, “Nature of E+A galaxies in distant clusters”, Proc. of the 37th Herstmonceux Conference, HST and the High Redshift Universe, eds. N. Tavaris, A. Aragon-Salamanca & J. Wall, World Scientific Press, pg. 217-218
275. R.P. Saglia, M. Bernardi, F. Bertola, A. Pizzella, L.M. Buson, V. De Bruyne, H. Dejonghe, W.W. Zeilinger, 1997, “Dark Matter in Elliptical Galaxies: 3-Integral Modeling”, Proc. of the Conference “Dark and Visible Matter in Galaxies and Cosmological Implications”, Sesto Pusteria, Italy (2-5 July 1996), M. Persic & P. Salucci Eds., ASP 117, p. 106-112
276. R.P. Saglia, R. Bender, O.E. Gerhard, G. Jeske, 1997, “Dark Matter in Elliptical Galaxies: breaking the anisotropy-potential degeneracy”, Proc. of the Conference “Dark and Visible Matter in Galaxies and Cosmological Implications”, Sesto Pusteria, Italy (2-5 July 1996), M. Persic & P. Salucci Eds., ASP 117, p. 113-119
277. R.P. Saglia, Matthew Colless, G. Baggley, Edmund Bertschinger, David Burstein, Roger L. Davies, Robert K. McMahan, Gary Wegner, 1997, “The EFAR Fundamental Plane”, Proc. of the Second Mount Stromlo Symposium “The Nature of Elliptical Galaxies”, Canberra, Australia (26-30 August 1996), Eds. M. Arnaboldi, G.S. Da Costa, P. Saha, ASP 116, p. 180-183
278. R.P. Saglia, Matthew Colless, G. Baggley, Edmund Bertschinger, David Burstein, Roger L. Davies, Robert K. McMahan, Gary Wegner, 1997, “The EFAR Project: new results”, Proc. of the SFB 325 Workshop, Ringberg (16-19 October 1996), R. Bender et al. Eds., p. 53-55
279. R. Bender, R.P. Saglia, B. Ziegler, P. Belloni, G. Bruzual, L. Greggio, U. Hopp, 1997, “The geometry of the Universe with Elliptical Galaxies”, Proc. of the SFB 325 Workshop, Ringberg (16-19 October 1996), R. Bender et al. Eds., p. 9-10
280. S. Seitz, R.P. Saglia, R. Bender, U. Hopp, P. Belloni, B. Ziegler, 1997, “Strong lensing of the protogalaxy cB58 by the Cluster MS1512+36” Proc. of the SFB 325 Workshop, Ringberg (16-19 October 1996), R. Bender et al. Eds., p. 35

281. P. Belloni, R. Bender, L. Greggio, U. Hopp, R.P. Saglia, B. Ziegler, 1997, "Galaxy evolution and transformation in distant galaxy clusters" Proc. of the SFB 325 Workshop, Ringberg (16-19 October 1996), R. Bender et al. Eds., p. 27
282. R.P. Saglia, Matthew Colless, G. Bagglely, Edmund Bertschinger, David Burstein, Roger L. Davies, Robert K. McMahan, Gary Wegner, 1997, "The EFAR Project: Monte Carlo testing of the Fundamental Plane Distance Estimator", Proc. of the Third ESO-VLT Workshop "Galaxy scaling relations: Origins, Evolution and Applications", Eds. L.N. da Costa, A. Renzini, Garching (18-20 November 1996), Springer Verlag, p. 306-318
283. O.E. Gerhard, G. Jeske, R.P. Saglia, R. Bender 1999, "Mass distribution of the E0 galaxy NGC 6703 from absorption line profile kinematics", IAU Symposium 186, "Galaxy interactions at low and high redshift", Kyoto (17-30 August 1997), Eds. J.E. Barnes, D.B. Sanders, Kluwer (Dordrecht), p. 189-190
284. D. Mehlert, R. Bender, R.P. Saglia, G. Wegner, 1998, "Spectroscopic gradients in early-type galaxies and implications on galaxy formation", Proc. of the Conference "Untangling Coma Berenices: a new vision of an old cluster", Marseille (France), June 1997, Eds. A. Mazure, F. Casoli, F. Durret, D. Gerbal, p. 107-110.
285. R. Bender, R.P. Saglia, B. Ziegler, L. Greggio, U. Hopp, 1997, "Massive cluster ellipticals as cosmological standard rods?", Proc. of the 12th Postdam Cosmology Workshop, "Large Scale Structure: Tracks and Traces", Eds. V. Müller, S. Gottlöber, J.P. Mückel, J. Wambsganss, World Scientific, 15-20
286. O.E. Gerhard, G. Jeske, R.P. Saglia, R. Bender, 1998, "Dynamical mass determination for Elliptical Galaxies", Workshop on Galactic Halos, Santa Cruz (August 1997), Ed. D. Zaritsky, ASP 136, 248-256
287. A. Kronawitter, O. Gerhard, R.P. Saglia, R. Bender, 1998, "Dynamical analysis of elliptical galaxies", Heidelberg Workshop on "Evolution of galaxies" (November 1997), W.J. Duschl & C. Einsel Eds., p. 195
288. D. Mehlert, R.P. Saglia, R. Bender, G. Wegner, 1998, "Zentrale Scheiben in elliptischen Galaxien des Coma-Galaxienhaufen", Heidelberg Workshop on "Evolution of galaxies" (November 1997), W.J. Duschl & C. Einsel Eds., p. 187
289. C. Mendes de Oliveira, U. Hopp, R. Bender, N. Drory, R.P. Saglia, 1998, "A NIR search for high-redshift clusters", To appear in "Science with Gemini", ed. Beatriz Barbuy
290. B. Ziegler, R.P. Saglia, R. Bender, 1998, "Surface brightness evolution of cluster early-type galaxies", AG Abstracts Series 14, 96
291. N. Drory, U. Hopp, C. Mendez de Oliveira, R. Bender, G.J. Hill, R.P. Saglia, 1998, "MUNICS, a near infrared search for high-redshifted clusters of galaxies", AG Abstracts Series 14, 60

292. C. Mendez de Oliveira, U. Hopp, R. Bender, N. Drory, R.P. Saglia, 1998, “The MUNETs project – a multicolor survey of distant galaxies”, in “Wide Field Surveys in Cosmology”, eds. Y. Mellier and S. Colombi, Editions Frontieres, 14th IAP Colloquium, Paris, p. 169
293. R.P. Saglia, Matthew Colless, David Burstein, Roger L. Davies, Robert K. McMahan, R. Watkins, Gary Wegner, 1999, “The EFAR Peculiar Velocity Field”, Proc. of the MPA-ESO Cosmology Conference “Evolution of Large Scale Structure: from Recombination to Garching”, Garching (August 1998), Eds. A.J. Banday, R.K. Sheth, L.N. da Costa, PrintPartners Ipskamp, Enschede, p. 168-172
294. R.P. Saglia, D. Mehlert, R. Bender, G. Wegner, 1999, “Constraining the ages and metallicities of cluster elliptical galaxies”, Proc. of the Workshop “From stars to galaxies to the Universe”, Ringberg Castle (June 1998), G. Börner and H. Mo Eds, **MPA/P11**, 193-203
295. A. Kronawitter, O. Gerhard, R.P. Saglia, R. Bender, 1999, “Dynamical analysis of elliptical galaxy halos”, Proc. of the Conference “Galaxy dynamics”, August 1998, Rutgers, ASP 182, 441-442
296. R. Bender, R.P. Saglia, 1999, “Elliptical galaxies: detailed structure, scaling relations and formation”, Proc. of the Conference “Galaxy dynamics”, August 1998, Rutgers, ASP 182, 113-123
297. D. Mehlert, R. Bender, R.P. Saglia, G. Wegner, 1999, “Stellar populations in a high density environment: Elliptical galaxies in the Coma Cluster”, Proc. of the ESO Workshop on “Chemical Evolution from zero to high redshift”, Garching (14-16 October 1998), J.R. Walsh, M.R. Rosa Eds., p. 202
298. R.P. Saglia, 1999 “The peculiar velocity field of the EFAR project”, Proc. of the Fifth SFB-375 Workshop “Results-Projects-Perspectives”, Ringberg (December 1998), Ed. D. Thomas, p. 131-134
299. I. Appenzeller, R. Bender, S. Cristiani, M., Dietrich, K. Fricke, W. Fürtig, W. Gässler, R. Gilmozzi, R. Häfner, R. Harke, J. Heidt, H.-J. Hess, U. Hopp, W. Hummel, K. Jäger, P., Jürgens, R.P. Kudritzki, M. Kümmel, K.-H. Mantel, D. Mehlert, W. Meisl, C. Moellenhoff, B. Muschiello, H. Nicklas, A. Renzini, P. Rosati, G. Rupprecht, R. Saglia, W. Seifert, S. Seitz, J. Spyromilio, O. Stahl, T. Szeifert, K. Tarantik, 2000, “Science with FORS”, Proc. of the VLT Workshop, Paranal, March 1999, Ed. J. Bergeron, p. 3-11
300. A. Kronawitter, O. Gerhard, R.P. Saglia, R. Bender, 2000, “Orbital Structure und Dark Halos of Elliptical Galaxies”, Dynamics of Galaxies: from the Early Universe to the Present, 15th IAP meeting held in Paris, France, July 9-13, 1999, Eds.: F. Combes, G. A. Mamon, and V. Charmandaris, ASP Conference Series 197, p. 99-102
301. D. Mehlert, S. Seitz, I. Appenzeller, R. Bender, T.L. Hoffmann, U. Hopp, R.P. Kudritzki, A.W.A. Pauldrach, R.P. Saglia, 1999, “Spectra of high redshift galaxies using

- a cluster as a gravitational telescope”, Proc. of the Ringberg workshop on “High redshift galaxies”
302. Matthew Colless, R.P. Saglia, David Burstein, Roger L. Davies, Robert K. McMahan, Gary Wegner, 2000, “EFAR peculiar velocities and bulk motions”, Proc. of the Workshop on Cosmic Flows, Victoria BC, July 1999, S. Courteau, M. Strauss, and J. Willick eds., ASP 201, 54-61
 303. L. Greggio, R.P. Saglia, C. Maraston, R. Bender, B. Ziegler, 2000, “The evolution of color gradients of Early Type galaxies with redshifts”, Proc. of the Conference “Large Scale Structure in the X-ray Universe”, Santorini (Greece), 20-22 Sept. 1999, Ed. M. Plionis, I. Georgantopoulos, Atlantissciences, p. 369
 304. D. Burstein, R.P. Saglia, M. Colless, R.L. Davies, R.K. McMahan, G. Wegner, 2001, “Do all galaxies have disks (and are some small)?”, Proc. of the ASP Conference “Galaxy disks and disk galaxies”, Rome, June 2000, Eds. J.G. Funes S.J. and E.M. Corsini, ASP 230, p. 153-160
 305. J. Heidt, I. Appenzeller, R. Bender, A. Böhm, N. Drory, K.J. Fricke, A. Gabash, U. Hopp, K. Jäger, M. Kümmel, D. Mehlert, C. Möllenhoff, A. Moorwoord, H. Nicklas, S. Noll, R. Saglia, W. Seigert, S. Seitz, O. Stahl, E. Sutorius, T. Szeifert, S.J. Wagner, B. Ziegler, 2001, “The FORS Deep Field”, AG Tagung, Bremen, RvMA, 14, 209
 306. R. Bender, I. Appenzeller, A. Böhm, N. Drory, K.J. Fricke, A. Gabash, Heidt, J., U. Hopp, K. Jäger, M. Kümmel, D. Mehlert, C. Möllenhoff, A. Moorwoord, H. Nicklas, S. Noll, R. Saglia, W. Seigert, S. Seitz, O. Stahl, E. Sutorius, T. Szeifert, S.J. Wagner, B. Ziegler, 2001, “The FORS Deep Field: Photometric Data and Photometric Redshifts”, Proc. of the ESO/ECF/STSci Workshop “Deep Fields”, S. Cristiani, A. Renzini, E. Williams Eds., Springer, p. 96
 307. M. Kissler-Patig, T.H. Puzia, R. Bender, P. Goudfrooij, M. Hempel, C. Maraston, T. Richtler, R. Saglia, D. Thomas, 2003, “The chemistry of extragalactic globular clusters” to appear in the proceedings of “Extragalactic Globular Cluster Systems”, ed. M. Kissler-Patig, Springer, p. 117
 308. A. Gabasch, R. Bender, S. Seitz, U. Hopp. R.P. Saglia, J., Snigula, I. Appenzeller, J. Heidt, D. Mehlert, S. Noll, A. Böhm, B. Ziegler, K. Jäger, and the FDF team, 2003, “Evolution of the galaxy luminosity function in the Fors Deep Field (FDF)”, Mykonos Conference
 309. D., Thomas, D., Mehlert, R. Saglia, R. Bender, G. Wegner, 2003, “Stellar Population Gradients of Early-Type Galaxies in Coma”, The Cosmic Cauldron, 25th meeting of the IAU, Joint Discussion 10, 18 July 2003, Sydney, Australia, IAUJD 10, 28
 310. C. Halliday, B.M. Poggianti, B. Milvang-Jensen, S. Poirier, A. Aragon-Salamanca, P. Jablonka, R. Pello, R.P. Saglia, S. White, the Ediscs Collaboration, 2003, “Spectroscopy of the ESO Distant Cluster Survey (ediscs)”, The Cosmic Cauldron, 25th

meeting of the IAU, Joint Discussion 10, 18 July 2003, Sydney, Australia, IAUJD 10, 27

311. C. Maraston, N. Bastian, R.P. Saglia, M. Kissler-Patig, F. Schweitzer, P. Goudfrooij, 2003, “Dynamical Masses of Superluminous Globulars in Mergers”, Extragalactic Globular Clusters and their Host Galaxies, 25th meeting of the IAU, Joint Discussion 6, 17 July 2003, Sydney, Australia, IAUJD 6, 18
312. C. Maraston, N. Bastian, R.P. Saglia, M. Kissler-Patig, F. Schweizer, P. Goudfrooij, 2005, “The dynamical mass of the young cluster W3 in NGC 7252: Heavy-Weight globular cluster or ultra compact dwarf galaxy?”, Proc. of the IAU Symposium, HiA **13**, 169-179
313. G. De Lucia, B.M. Poggianti, A. Aragón-Salamanca, D. Clowe, C. Halliday, P. Jablonka, B. Milvang-Jensen, R. Pelló, S. Poirier, G. Rudnick, R. Saglia, L. Simard, S.D.M. White & the EDisCS collaboration, 2004, “Observing the build-up of the colour-magnitude relation at redshift ≈ 0.8 , IAU 195, Outskirts of galaxy clusters: intense life in the suburbs, Turin, March 2004, IAU 195, 473-477
314. C. Halliday, B. Milvang-Jensen, S. Poirier, B.M. Poggianti, P. Jablonka, A. Aragón-Salamanca, R. Pelló, R.P. Saglia, G. De Lucia, L. Simard, D.I. Clowe, G. Rudnick, S.D.M. White, & the EDisCS collaboration, 2004, “Spectroscopy of the ESO Distant Cluster Survey”, IAU 195, Outskirts of galaxy clusters: intense life in the suburbs, Turin, March 2004, IAU 195, 236-238
315. E. Iodice, M. Arnaboldi, R. Saglia, 2005, “High resolution stellar kinematics for the central component of the polar ring galaxy NGC 4650a”, AN, 326, 496
316. A.M. Teodorescu, R.H. Méndez, R.P. Saglia, A. Riffeser, R.P. Kudritzki, O.E. Gerhard, J. Kleyana, 2005, “Detection, Photometry, and Slitless Radial Velocities of 197 PNe in the Elliptical Galaxy NGC 1344”, Proceedings of the Conference “Planetary Nebulae as Astronomical Tools”, AIP Conference Proceedings, Volume 804, 324-324
317. Iodice, E., Arnaboldi, M., Saglia, R.P., Sparke, L.S., Gerhard, O., Gallagher, J.S., Combes, F., Bournaud, F., Capaccioli, M., Freeman, K.C., 2006, “New Kinematics for the Central Spheroid in Polar Disk Galaxy NGC4650A”, in Proc. of Galaxy Evolution Across the Hubble Time, International Astronomical Union. Symposium no. 235, (14-17 August, 2006, Prague, Czech Republic), p. 207
318. S.M. Gogarten, J.J. Dalcanton, L. Simard, G.G. Rudnick, V. Desai, A. Aragón-Salamanca, D.I. Clowe, B.M. Poggianti, P. Jablonka, B. Milvang-Jensen, C. Halliday, A. von der Linden, G. de Lucia, S.D.M. White, R. Saglia, S. Noll, 2006, “The Size-Luminosity Relation of Disk Galaxies in EDisCS Clusters”, in Proc. of Galaxy Evolution Across the Hubble Time, International Astronomical Union. Symposium no. 235, (14-17 August, 2006, Prague, Czech Republic), p. 163
319. E.A. Valentijn, K.G. Begeman, D.R. Boxhoorn, E. Deul, R. Rengelink, E. Helmich, P. Heraudeau, K. Kuijken, J. McFarland, G. Verdoes-Kleijn, R. Vermeij, W.-J. Vriend,

- M.T. Tempelaar, M. Capaccioli, R. Silvotti, R. Bender, M. Neeser, R. Saglia, E. Bertin, Y. Mellier, 2006, “Astro-Wise: Chaining to the universe”, in “Astronomical data analysis software and systems XVI, R. Shaw, F. Hill and D. Bell Eds., ASP, R. Shaw, F. Hill and D. Bell Eds., 376, 491-498
320. L. Morelli, E. Pompei, A. Pizzella, L. Coccato, E.M. Corsini, J. Mendez, R. Saglia, M. Sarzi and F. Bertola, 2007, Proc. IAU Symp. 241, Eds. A. Vazdekis and R. F. Peletier, Cambridge University Press, p. 519-520
321. N. Nowak, R.P. Saglia, R. Bender, J. Thomas, R. Davies, 2008, “Supermassive black holes in galaxies”, in Proc. of Relativistic Astrophysics and Cosmology - Einstein’s Legacy, November 7-11, 2005, Munich, Eds. B. Aschenbach, V. Burwitz, G. Hasinger, B. Leibundgut, Springer (Berlin), p. 53-55
322. Morelli, L., Pompei, E., Pizzella, A., Méndez-Abreu, J., Corsini, E. M., Coccato, L., Saglia, R. P., Sarzi, M., Bertola, F., 2008, “The pseudobulge of NGC 1292”, in Proc. of ”Formation and Evolution of Galaxy Disks”, Rome, October 2007, Eds. J. Funes and E. M. Corsini, ASP 396, 371-372
323. N. Nowak, R.P. Saglia, J. Thomas, P. Erwin, R. Bender, 2008, “Black holes in low-mass bulges and pseudobulges”, Proc. of the IAU Symposium “Formation and Evolution of Galaxy Bulge”, M. Bureau, E. Athanassoula and B. Barbuy, Eds., Cambridge University Press, IAU **245**, p. 253-254
324. Morelli, L., Pompei, E., Pizzella, A., Coccato, L., Corsini, E. M., Abreu, J. Méndez, Saglia, R. P., Sarzi, M., Bertola, F. 2008, “Stellar population in bulge of spiral galaxies”, Proc. of the IAU Symposium “Formation and Evolution of Galaxy Bulge”, M. Bureau, E. Athanassoula and B. Barbuy, Eds., Cambridge University Press, IAU **245**, p. 313-314
325. N. Nowak, R.P. Saglia, J. Thomas, P. Erwin, R. Bender, 2008, “Black holes in low-mass bulges and pseudobulges”, Mem.S.A.It., **79**, 1255-1258 Proc. of Crete Conference
326. R.P. Saglia, 2008, “The Photometric Classification Server of PanSTARRS1”, Proc. of the Conference “Classification and Discovery in Large Astronomical Surveys”, Ringberg Castle, 14-17 October 2008, Ed. C.A.L. Bailer-Jones, AIP Conference Proceedings vol. 1082, AIP (Melville, New York), p. 366-372
327. J.M. Snigula, R. Bender, R. Saglia, N. Drory, 2009, “The Photometric Classification Client for Pan-STARRS-1”, ASP Conference Series, J. Lewis, R. Argyle, P. Bunclark, D. Evans, E. Gonzales-Solares Eds., **411**, 268-271
328. R. Davies, N. Ageogers, L. Barl, R. Bender, P. Bernardi, F. Chapron, Y. Clenet, A. Deep, M. Drost, E. Duel, F. Eisenhauer, R. Falomo, N.M. Förster Schreiber, E. Gendron, R. Genzel, L. Greggio, F. Grupp, E. Held, T. Herbst, H.-J. Hess, Z. Hubert, K. Jahnke, K. Kuiken, D. Lutz, D. Magrin, B. Muschielok, R. Navarro, E.

- Noyola, T. Paumard, G. Piotto, R. Ragazzoni, A. Renzini, G. Rousset, H.-W. Rix, R. Saglia, L. Tacconi, M., Thiel, E. Tolstoy, S. Trippe, N. Tromp, E. Valentijn, G. Verdoes Kleijn, M. Wegner, 2010, “Science and Adaptive Optics Requirements of MICADO, the E-ELT adaptive optics imaging camera”, Proc. of the meeting “AO for the ELT”, Y. Clénet, J.-M. Conan, Th. Fusco, and G. Rousset. Eds., EDP Sciences, 2010, id.01002, p. 1-6
329. L. Morelli, E. Pompei, A. Pizzella, L. Coccato, E. M. Corsini, J. Mendez Abreua1, R. Saglia, M. Sarzi and F. Bertola, 2010, “Stellar populations of disc galaxies: from the center of the bulge to the edge of the disc”, Proc. of the IAU, **5**, 398-399
330. M. Spavone, E. Iodice, M. Arnaboldi, O. Gerhard, R. Saglia, G. Longo, 2010, “Metallicity of the polar disk in NGC 4650A: constrains for cold accretin scenario”, Proc. of the Conference ”Hunting for the dark: the hidden side of galaxy formation”, Eds. V. De Battista and C.C. Popescu, AIP Conference Proceedings, Volume 1240, pp. 173-174
331. Fabricius, M., Saglia, R., Drory, N., Fisher, D., Bender, R., Hopp, U., 2010, “Velocity Dispersions Across Bulge Types”, Proc. of the Conference ”Hunting for the dark: the hidden side of galaxy formation”, Eds. V. De Battista and C.C. Popescu, AIP Conference Proceedings, Volume 1240, pp. 239-240
332. Corsini, E.M., Wegner, G.A., Thomas, J., Saglia, R.P., Bender, R., Pu, S.B., 2012, “Further evidence for large central mass-to-light ratios in massive early-type galaxies”, Proc. of the IAU conference, Eds. D. Thomas, A. Pasquali, I. Ferreras, **295**, 225
333. Cappetta, M., Saglia, R.P. Birkby, J. L., Koppenhoefer, J., Pinfield, D. J., Hodgkin, S. T., Cruz, P., Kovács, G., Sipőcz, B. and RoPACS collaboration, 2013, “WTS1b: the first planet detected in the WFCAM transit survey”, Proc. of the Conf. Hot Planets and Cool Stars, Garching, 12-16 November 2012, Editor R.P. Saglia, EPJ Web Of Conf., **47**, 01003
334. Zendejas, J., Koppenhöfer, J., Saglia, R.P., 2013, “Precision photometry with Difference Imaging in the WTS”, Proc. of the Conf. Hot Planets and Cool Stars, Garching, 12-16 November 2012, Editor R.P. Saglia, EPJ Web Of Conf., **47**, 01005
335. Steele, P., Saglia, R.P., J. Koppenhoefer, M. R. Burleigh, M. Cappetta, 2013, “White Dwarf + Brown Dwarf eclipsing binaries”, Proc. of the Conf. Hot Planets and Cool Stars, Garching, 12-16 November 2012, Editor R.P. Saglia, EPJ Web Of Conf., **47**, 04001
336. Koppenhöfer, J., Henning, T., Saglia, R.P., Obermeier, C., Kretschmann, S., N. Nikolov, 2013, “The Pan-STARRS1 Planet Survey: Overview and First Result”, , Proc. of the Conf. Hot Planets and Cool Stars, Garching, 12-16 November 2012, Editor R.P. Saglia, EPJ Web Of Conf., **47**, 03002

337. Kovacs, G., Hodgkin, S., Sipőcz, B., Pinfield, D., Barrado, D., Birkby, J., Cappetta, M., Cruz, P., Koppenhoefer, J., Martín, E., Murgas, F., Nefs, B., Saglia, R., Zendejas J., 2013, “Hot Jupiters around M dwarfs - A sensitivity analysis of the WFCAM Transit Survey”, Proc. of the Conf. Hot Planets and Cool Stars, Garching, 12-16 November 2012, Editor R.P. Saglia, EPJ Web Of Conf., **47**, 01002
338. J.L. Birkby, M. Cappetta, P. Cruz, J. Koppenhoefer, O. Ivanyuk, A. Mustill, S. T. Hodgkin, D. J. Pinfield, B. Sipőcz, G. Kovács, R. Saglia, Y. Pavlenko and the RoPACS collaboration 2013, “ WTS-2b: too close for comfort?”, Proc. of the Conf. Hot Planets and Cool Stars, Garching, 12-16 November 2012, Editor R.P. Saglia, EPJ Web Of Conf., **47**, 01004
339. G.A. Wegner, G. A., E.M. Corsini, E. M., R.P. Saglia, J. Thomas, R. Bender, S.B. Pu, 2013, “On the mass-to-light ratios in massive early-type galaxies in two nearby galaxy clusters” , Probes of Dark Matter on Galaxy Scales, AAS Topical Conference Series Vol. 1. Proceedings of the conference held 14-19 July 2013 in Monterey, CA. Bulletin of the American Astronomical Society, Vol. 45, 7, 102.02
340. A. Brucalassi, L. Pasquini, M.T. Ruiz, P. Bonifacio, C. Lovis, R. Saglia, C. Melo, K. Biazzo, S. Randich, L. Bedin, 2013, ”Solar Stars and Planets in Open Clusters” , ASPC 472, 121-130
341. Kulkarni, S., Wilman, D., Erwin, P., Koppenhöfer, J., Gutierrez, L., Beckman, J., Saglia, R., Bender, R., 2014, “H α Surface Brightness Profiles of Star-Forming Galaxies and Dependence on Halo Mass Using the HAGGIS Survey”, ASPC, 480, 255
342. Fabricius, M. H., Coccato, L., Bender, R., Drory, N., Saglia, R. P., Williams, M., Landriau, M., 2014, “Dissecting the Multi-Component Nature of NGC 7217 with VIRUS-W: Two Co-Rotating Stellar Components”, ASP, 486, 157-160
343. Erwin, P., Saglia, R., Thomas, J., Fabricius, M., Bender, R., Rusli, S., Nowak, N., Beckman, J.E., Vega Beltán, J.C., 2015, “Using 3D spectroscopy to probe the orbital structure of composite bulges”, Proc. IAU 309, Vol 10, p. 359-360, Eds., B.L. Ziegler, F. Combes, H. Dannerbauer, M. Verdugo
344. Michael Opitsch, Maximilian Fabricius, Roberto Saglia, Ralf Bender, and Michael Williams, 2015, “Detailed stellar and gaseous kinematics of M31”, Proc. IAU 309, Vol 10, p. 334, Eds., B.L. Ziegler, F. Combes, H. Dannerbauer, M. Verdugo
345. Maximilian H. Fabricius, Lodovico Coccato, Ralf Bender, Niv Drory, Claus Gössl, Martin Landriau, Roberto P. Saglia, Jens Thomas and Michael J. Williams, 2015, “Regrowth of stellar disks in mature galaxies: The two component nature of NGC 7217 revisited with VIRUS-W”, Proc. IAU 309, Vol 10, p. 81-84, Eds., B.L. Ziegler, F. Combes, H. Dannerbauer, M. Verdugo
346. D. Wilman, R. Bender, R. L. Davies, J. T. Mendel, J. Chan, A. Beifiori, R. Houghton, R. Saglia, N. Förster Schreiber, S. Wuyts, P. van Dokkum, M. Cappellari, J. Stott,

- R. Smith, M. Fossati, S. Kulkarni, S. Seitz, M. Fabricius, R. Sharples, G. Brammer, E. Nelson, I. Momcheva, M. Wegner, I. Lewis 2015, “KMOS Clusters and VIRIAL GTO Surveys”, Proc. IAU 309, Vol 10, p. 293-294, Eds., B.L. Ziegler, F. Combes, H. Dannerbauer, M. Verdugo
347. R.L. Davies, A. Beifiori, R. Bender, M. Cappellari, J. Chan, R. Houghton, J.T. Mendel, R. Saglia, R. Sharples, J. Stott, R. Smith, D. Wilman, 2015, “The KMOS Galaxy Clusters Project”, Proc. IAU 311, Eds. M. Cappellari, S. Courteau, p. 110-115
348. Jens Thomas, Roberto Saglia, Ralf Bender, Peter Erwin, Maximilian Fabricius 2015, “Massive Elliptical Galaxies: BH Scouring or a Bottom-Heavy IMF?”, Proc. IAU 311, Eds. M. Cappellari, S. Courteau, p. 36-39
349. Fabricius, M., Saglia, R., Fisher, D., Drory, N., Bender, R., Hopp, U., 2015, “A longslit spectroscopic survey of bulges in disc galaxies”, *Hi.A.*, **16**, 345
350. Houghton, R.C.W., Davies, R.L., Bender, R., Beifiori, A., Chan, J., Cappellari, Galametz, A., Lewis, I., Mendel, J.T., Prichard, L., Saglia, R. P., Sharples, R., Smith, R., Stott, J., Wilman, D., Wegner, M., 2016, “The KMOS Galaxy Clusters Project: absorption line spectroscopy of cluster galaxies at $z \sim 1.5$ ”, Proc. ING MOS Conference, I. Skillen, M. Balcells, S.C. Trager Eds., ASP **507**, 281-285
351. P. Dubath, N. Apostolakos, A. Bonchi, A. Belikov, M. Brescia, S. Cavuoti, P. Capak, J. Coupon, C. Dabin, H. Degaudenzi, S. Desai, F. Dubath, A. Fontana, S. Fotopoulou, M. Frailis, A. Galametz, J. Hoar, M. Holliman, B. Hoyle, P. Hudelot, O. Ilbert, M. Kuemmel, M. Melchior, Y. Mellier, J. Mohr, N. Morisset, S. Paltani, R. Pello, S. Pilo, G. Polenta, M. Poncet, R. Saglia, M. Salvato, M. Sauvage, M. Schefer, S. Serrano, M. Soldati, A. Tramacere, R. Williams, A. Zacchei, 2017, ”The Euclid Data Processing Challenges”, M. Brescia, S.G. Djorgovski, E. Feigelson, G. Longo, S. Cavuoti Eds., Proc. IAU Symp. **325**, 73-82

Popular journals

352. G. Bertin, F. Bertola, L.M. Buson, I.J. Danziger, H. Dejonghe, E.M. Sadler, R.P. Saglia, M. Vietri, T. De Zeeuw, W.W. Zeilinger, 1989 “A search for dark matter in elliptical galaxies” *The Messenger* (München) **56**, 19-21
353. L. Buson, G. Galletta, R.P. Saglia, W.W. Zeilinger, 1991, “Supermassive disk galaxies” *The Messenger* (München), **63**, 50-52
354. W.W. Zeilinger, P. Amico, G. Bertin, F. Bertola, L.M. Buson, I.J. Danziger, H. Dejonghe, A. Pizzella, E.M. Sadler, R.P. Saglia, P.T. de Zeeuw, 1996, “The distribution of ionized gas in early-type galaxies”, *The Messenger* (München), **85**, 30-34
355. R. Bender, R.P. Saglia, U. Hopp, 1997, “Galaxien in der Tiefe der Zeit”, *Stern und Weltraum*, Special Nr. **2**, 6-20.

356. R.P. Saglia, R. Bender, U. Hopp, 1998, “L’origine delle galassie”, *L’Astronomia*, **190**, 22-33
357. R.P. Saglia, D. Mehlert, 1999, “Uno studio di sociologia galattica”, *L’Astronomia*, **200**, 24-33
358. I. Appenzeller, R. Bender, N. Drory, K. Fricke, R. Häfner, J. Heidt, U. Hopp, K. Jäger, M. Kümmel, D. Mehlert, C. Moellenhoff, A. Morewood, H. Nicklas, S. Noll, R. Saglia, W. Seifert, S. Seitz, O. Stahl, T. Szeifert, S. Wagner, B. Ziegler, 2000, “The FORS Deep Field”, *The Messenger*, **100**, 44-48
359. G. Rudnick, S. White, A. Aragón-Salamanca, R. Bender, P. Best, M. Bremer, S. Charlot, D. Clowe, J. Dalcanton, M. Dantel, G. De Lucia, V. Desai, B. Fort, C. Halliday, P. Jablonka, G. Kauffmann, Y. Mellier, B. Milvang-Jensen, R. Pello, B. Poggianti, S. Poirer, H. Rottgering, R. Saglia, P. Schneider, L. Simard, D.F. Zaritsky, 2003, “Studying High Redshift Galaxy Clusters with the ESO Distant Cluster Survey”, *The Messenger*, **112**, 19-24
360. R.P. Saglia, C. Maraston, 2003, “Die Geburtstunden einer ultrakompakten Zwerggalaxie”, *MPG Jahrbuch 2003*, 821-826
361. I. Appenzeller, R. Bender, A. Böhm, S. Frank, K. Fricke, A. Gabasch, J. Heidt, U. Hopp, K. Jäger, D. Mehlert, S. Noll, R. Saglia, S. Seitz, C. Tapken, B. Ziegler, 2004, “Exploring Cosmic Evolution with the The FORS Deep Field”, *The Messenger*, **116**, 18-24
362. S. Gillessen, R. Davies, M. Kissler-Patig, M. Lehnert, P. van der Werf, N. Nowak, F. Eisenhauer, R. Abuter, M. Horrobin, A. Gilbert, R. Genzel, R. Bender, R.P. Saglia, M. Lemoine-Busserolle, J. Reunanen, K. Kjaer, M. Messineo, D. Nuerberger, C. Dumas, 2005, “First science with Sinfoni”, *The Messenger*, **120**, 26-32
363. R. Sharples, R. Bender, R. Bennet, K. Burch, P. Carter, M. Casali, P. Clark, R. Content, R. Davies, R. Davies, M. Dubbeldam, G. Finger, R. Genzel, R. Häfner, A. Hess, M. Kissler-Patig, K. Laidlaw, M. Lehnert, I. Lewis, A. Moorwood, B. Muschiello, N. Foerster-Schreiber, J. Pirard, S.K. Ramsay Howat, P. Rees, J. Richter, D. Robertson, I. Robson, R. Saglia, M. Tecza, N. Thatte, S. Todd, M. Wegner, 2005, “Surveying the high-redshift universe with KMOS”, *The Messenger*, **122**, 2-5
364. R. Bender, R.P. Saglia, 2006, “Blaue Sterne um das supermassereiche Schwarze Loch von M31”, *MPG Jahrbuch 2006*
365. N. Drory, R. Bender, G. Feulner, A. Gabasch, U. Hopp, S. Noll, M. Pannella, R.P. Saglia, M. Salvato, 2006, “The evolution of Galaxies in the Fors Deep and GOODS-S fields”, *The Messenger*, **125**, 15-19
366. L. Morelli, E. Pompei, A. Pizzella, J. Mendez Abreu, E.M. Corsini, L. Coccato, R.P. Saglia, M. Sarzi, F. Bertola, 2008, “Stellar populations of bulges in 14 cluster disc galaxies”, *The Messenger*, **133**, 31-35

367. B. M. Poggianti, A. Aragon-Salamanca, S. Bamford, F. Barazza, P. Best, D. Clowe, J. Dalcanton, G. De Lucia, V. Desai, R. Finn, C. Halliday, P. Jablonka, O. Johnson, B. Milvang-Jensen, J. Moustakas, S. Noll, N. Nowak, R. Pello, S. Poirier, G. Rudnick, R. Saglia, P. Sanchez-Blazquez, L. Simard, J. Varela, A. von der Linden, I. Whiley, S. D.M. White, D. Zaritsky, 2009, “The ESO Distant Cluster Sample: galaxy evolution and environment out to $z=1$ ”, *The Messenger*, **136**, 54-59
368. R. Sharples, R. Bender, R. Bennett, N. Bezawada, N. Bouché, D. Bramall, M. Casali, M. Cirasuolo, P. Clark, M. Cliffe, R. Davies, R. Davies, N. Drory, M. Dubbeldam, A. Fairley, G. Finger, R. Genzel, A. Hess, P. Jeffers, I. Lewis, D. Montgomery, J. Murray, B. Muschelok, N. Förster Schreiber, J. Pirard, S. Ramsey-Howat, P. Rees, J. Richter, D. Robertson, I. Robson, S. Rolt, R. Saglia, M. Tecza, S. Todd, M. Wegner, 2010, “Recent Progress on the KMOS Multi-Object Integral-Field Spectrometer”, *The Messenger*, **139**, 24-27
369. Natascha M. Förster Schreiber, David Wilman, Emily S. Wisnioski, Matteo Fos-
sati, J. Trevor Mendel, Ralf Bender, Reinhard Genzel, Alessandra Beifiori, Sirio
Belli, Gabe Brammer, Andreas Burkert, Jeffrey Chan, Richard I. Davies, Rebecca L.
Davies, Maximilian Fabricius, Audrey Galametz, Rodrigo Herrera-Camus, Philipp
Lang, Dieter Lutz, Ivelina Momcheva, Thorsten Naab, Erica J. Nelson, Sedona
H. Price, Alvio Renzini, Roberto Saglia, Stella Seitz, Taro Shimizu, Amiel Stern-
berg, Linda J. Tacconi, Ken-ichi Tadaki, Hannah Übler, Pieter G. van Dokkum, Stijn
Wuyts, 2018, “Witnessing the Early Growth and Life Cycle of Galaxies with KMOS
3D”, *The Messenger*, **174**, 28-33
370. Daniel Grün, ..., R. Saglia et al., 2023, “4MOST Complete Calibration of the Colour-
Redshift Relation (4C3R2)”, *The Messenger*, **190**, 28-30

Dissertations

371. R.P. Saglia, 1986, Tesi di Laurea, “Misure di Massa per alcune galassie normali e
implicazioni relative al problema della massa scura”, Università di Pisa
372. R.P. Saglia, 1990, Ph. D. Thesis “Dark matter in elliptical galaxies”, Scuola Normale
Superiore, Pisa
373. R.P. Saglia, 2003, Habilitationsschrift “Elliptische Galaxien als Werkzeuge der beobach-
tenden Kosmologie”, Ludwig-Maximilians-Universität

Editorial activities

374. J.P. Ostriker, 1991 *Lezioni Fermiane Development of Large-Scale Structure in the
Universe* edited by R.P. Saglia and M. Stiavelli, Accademia dei Lincei, Cambridge
University Press
375. Proceedings of the Conference “Hot Planets and Cool Stars”, Garching, 12-16 Novem-
ber 2012, Editor R.P. Saglia, EPJ Web Of Conf. Vol. **47**