

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
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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
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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
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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
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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
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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
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