

Appendix F

ASTRONOMY STAFF RESEARCH PUBLICATIONS

The following includes all 102 refereed and non-refereed publications of ING astronomers in the year 2004 (50 refereed journal papers and 52 non-refereed papers in conference proceedings or other publications), and all 84 refereed and non-refereed publications in the year 2005 (37 refereed journal papers and 47 non-refereed papers in conference proceedings or other publications). It is sorted by year and in alphabetical order (ING author appears in italic and bold).

2004

1. Ahmad, A., Jeffery, C. S., Solheim, J.-E., **Østensen, R.**, "Pulsation stability of helium-rich subdwarf B stars", *Astrophys J Suppl*, **291**, 435.
2. Azzaro, M., **Prada, F.**, Gutiérrez, C. M., "Motion Properties of Satellites around External Spiral Galaxies", *ASP Conf Series*, **327**, 268.
3. Benetti, S., Meikle, P., Stehle, M., Altavilla, G., Desidera, S., Folatelli, G., Goobar, A., Mattila, S., **Méndez, J.**, Navasardyan, H., Pastorello, A., Patat, F., Riello, M., Ruiz-Lapuente, P., Tsvetkov, D., Turatto, M., Mazzali, P., Hillebrandt, W., "Supernova 2002bo: inadequacy of the single parameter description", *MNRAS*, **348**, 261.
4. *Benn, C. R.*, Blanken, M., Bevil, C., Els, S., Goodsell, S., Gregory, T., Jolley, P., Longmore, A. J., Martin, O., Myers, R. M., **Østensen, R.**, Rees, S., **Rutten, R. G. M.**, *Söchting, I.*, Talbot, G., Tulloch, S. M., "NAOMI: adaptive optics at the WHT", *Proc SPIE*, 5490, 79.
5. Binzel, R. P., **Licandro, J.**, Serra-Ricart, M., de León Cruz, J., Pinilla-Alonso, N., "Comet C/2003 WT_42 (LINEAR)", *IAU Circ*, **8270**, 1.
6. Bond, H. E., Henden, A., Levay, Z. G., Panagia, N., Sparks, W. B., Starrfield, S., Wagner, R. M., **Corradi, R. L. M.**, Munari, U., "Hubble Space Telescope Observations of the Light Echoes around V838 Monocerotis", *ASP Conf Ser*, **313**, 543.
7. Carpano, S., Wilms, J., **Schirmer, M.**, Kendziorra, E., "X-Ray properties of NGC 300 point sources detected with XMM-Newton, and their optical counterparts", *Mem Soc Astron Ital*, **75**, 486.
8. Clarkson, W. I., Christian, D. C., Collier-Cameron, A., Evans, N., Fitzsimmons, A., Haswell, C. A., Hellier, C., Hodgkin, S. T., Horne, K. D., Kane, S. R., Keenan, F. P., Lister, T. A., Norton, A. J., Pollacco, D. L., Ryans, R., **Skillen, I.**, Street, R. A., West, R. G., Wheatley, P. J., "Current Status of the SuperWASP Project", *American Astronomical Society Meeting Abstracts*, 205.
9. **Corradi, R. L. M.**, "Planetary Nebulae Morphology According to Padre Angelo Secchi", *ASP Conf Ser*, **313**, 25.
10. **Corradi, R. L. M.**, "Multiple, Coeval and Hubble-Like Bipolar Outflows", *ASP Conf Ser*, **313**, 148.
11. **Corradi, R. L. M.**, "Discussion Session on Nebulae Around Symbiotic Stars", *ASP Conf Ser*, **313**, 558.
12. **Corradi, R. L. M.**, "The Bull's Eye Pattern in the Cat's Eye and Other Planetary Nebulae", *ING News*, **8**, 10.
13. **Corradi, R. L. M.**, Sánchez-Blázquez, P., Giammanco, C., Mellema, G., Schwarz, H. E., "New Rings in Planetary Nebulae Haloes", *ASP Conf Ser*, **313**, 290.
14. **Corradi, R. L. M.**, Sánchez-Blázquez, P., Mellema, G., Giammanco, C., Schwarz, H. E., "Rings in the haloes of planetary nebulae", *Astron Astrophys*, **417**, 637.
15. **Corradi, R. L. M.**, "Stellar paleontology using planetary nebulae", *Mem Soc Astron Ital*, **75**, 73.
16. Crowther, P. A., **Evans, C. J.**, "CNO Abundances in Magellanic Cloud OB Supergiants", *IAU Symposium*, **215**, 218.
17. de León, J., Duffard, R., **Licandro, J.**, Lazzaro, D., "Mineralogical characterization of A-type asteroid (1951) Lick", *Astron Astrophys*, **422**, L59.
18. Dotto, E., Fornasier, S., Barucci, M. A., Boehnhardt, H., Hainaut, O., Marzari, F., **Licandro, J.**, de Bergh, C., "Visible and near-infrared spectroscopic survey of Jupiter Trojan asteroids: investigation of dynamical families", *AAS/Division for Planetary Sciences Meeting Abstracts*, 36.
19. Duffard, René; Lazzaro, Daniela; **Licandro, Javier**, de Sanctis, Maria Cristina; Capria, Maria Teresa; Carvano, Jorge M., "Mineralogical characterization of some basaltic asteroids in the neighborhood of (4) Vesta: first results", *Icarus*, **171**, 120.
20. Ellison, S. L., Churchill, C. W., Rix, S. A., Pettini, M., "The Number Density of $0.6 < z < 1.7$ Mg II Systems from CORALS: Observational Biases at Intermediate Redshift", *Astrophys J*, **615**, 118.
21. **Evans, C. J.**, Crowther, P. A., Fullerton, A. W., Hillier, D. J., "Quantitative Studies of the Far-Ultraviolet, Ultraviolet, and Optical Spectra of Late O- and Early B-Type Supergiants in the Magellanic Clouds", *Astrophys J*, **610**, 1021.
22. **Evans, C. J.**, Howarth, I. D., Irwin, M. J., Burnley, A. W., Harries, T. J., "2dF survey of the Small Magellanic Cloud", *VizieR Online Data Catalog*, **735**, 30601.

23. **Evans, C. J., Lennon, D. J., Trundle, C.**, Heap, S. R., Lindler, D. J., "Terminal Velocities of Luminous, Early-Type Stars in the Small Magellanic Cloud", *Astrophys J*, **607**, 451.
24. **Evans, C. J., Lennon, D. J.**, Walborn, N. R., **Trundle, C., Rix, S. A.**, "The Ultraviolet and Optical Spectra of Luminous B-Type Stars in the Small Magellanic Cloud", *PASP*, **116**, 909.
25. **Evans, C. J.**, Howarth, I. D., Irwin, M. J., Burnley, A. W., Harries, T. J., "A 2dF survey of the Small Magellanic Cloud", *MNRAS*, **353**, 601.
26. Fadeyev, V., et al., including **Méndez, J.**, "Cosmological Constraints from the First Supernova Discovered above Redshift of One", *American Astronomical Society Meeting Abstracts*, 205.
27. Flix, J., Martínez, M., **Prada, F.**, The MAGIC Collaboration, "Indirect Searches for SUSY Dark Matter with the MAGIC Cherenkov Telescope", *ASP Conf Ser*, **327**, 47.
28. Funes, J. G., Gutiérrez, C. M., **Prada, F.**, Azzaro, M., Ribeiro, M. B., "Star Formation in Satellite Galaxies", *ASP Conf Ser*, **327**, 272.
29. Gabasch, A., Salvato, M., Saglia, R. P., Bender, R., Hopp, U., Seitz, Feulner, G., Pannella, M., Drory, N., **Schirmer, M.**, Erben, T., "The Star Formation Rate History in the FORS Deep and GOODS-South Fields", *Astrophys J*, **616**, L83.
30. Garavini, G., et al. (with **Méndez, J.**), "Spectroscopic Observations and Analysis of the Peculiar SN 1999aa", *Astron J*, **128**, 387.
31. Giavalisco, M., et al. (with **Schirmer, M.**) 2004, "The Great Observatories Origins Deep Survey: Initial Results from Optical and Near-Infrared Imaging", *Astrophys J*, **600**, L93.
32. Gonçalves, D. R., Mampaso, A., **Corradi, R. L. M.**, Perinotto, M., "The Physical Parameters and Excitation of Jets and Knots in PNe", *ASP Conf Ser*, **313**, 198.
33. Groot, P.J., **Rutten, R.G.M.**, van Paradijs, J., "A spectrophotometric study of RW Trianguli", *Astron Astrophys*, **417**, 333.
34. Gonçalves, D. R., Mampaso, A., **Corradi, R. L. M.**, Perinotto, M., Riera, A., López-Martín, L., "K 4-47: a planetary nebula excited by photons and shocks", *MNRAS*, **355**, 37.
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38. Herrero, A., **Lennon, D. J.**, "Abundance Anomalies and Rotation in Main Sequence OB Stars (Invited Review)", *IAU Symposium*, **215**, 209.
39. Holt, J., **Benn, C. R.**, Vigotti, M., Pedani, M., Carballo, R., González-Serrano, J. I., Mack, K.-H., García, B., "A sample of radio-loud QSOs at redshift ~ 4 ", *MNRAS*, **348**, 857.
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43. Kniazev, A. Y., Grebel, E. K., Pustilnik, S. A., Pramskij, A. G., Kniazeva, T. F., **Prada, F.**, Harbeck, D., "Low Surface Brightness Galaxies in the Sloan Digital Sky Survey. I. Search Method and Test Sample", *Astron J*, **127**, 704.
44. Kowalski, M., et al. (with **Méndez, J.**), "A Set of Nearby SNe Ia Lightcurves", *American Astronomical Society Meeting Abstracts*, 205.
45. López-Martín, L., Gonçalves, D. R., **Corradi, R. L. M.**, Mampaso, A., "Jet and Knots in K4-47: Observations and Models", *ASP Conf Ser*, **313**, 468.
46. Lara, L.-M., Rodrigo, R., Tozzi, G. P., Boehnhardt, H., **Leisy, P.**, "The gas and dust coma of Comet C/1999 H1 (Lee)", *Astron Astrophys*, **420**, 371.
47. Lara, L.-M., Rodrigo, R., Tozzi, G. P., Boehnhardt, H., **Leisy, P.**, Erratum: "The gas and dust coma of Comet C/1999 H1 (Lee)", *Astron Astrophys*, **423**, 1169.
48. Lazzaro, D., Duffard, R., de Leon, J., **Licandro, J.**, "Basaltic asteroids and HED meteorites: searching for a genetic link using spectral parameters", *AAS/Division for Planetary Sciences Meeting Abstracts*, 36.
49. **Lennon, D. J.**, "DISCUSSION: Observations of Rotating Stars", *IAU Symposium*, **215**, 205.
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51. Majewski, S. R., **Prada, F.**, Klypin, A., White, S., "Local Substructure and the Reliability of Data from the Canarian Observatories", *ASP Conf Ser*, **327**, 339.
52. Magrini, L., Perinotto, M., Mampaso, A., **Corradi, R. L. M.**, "Chemical abundances of Planetary Nebulae in M 33", *Astron Astrophys*, **426**, 779.
53. Mattila, S., Meikle, W. P. S., **Greimel, R.**, "Highly extinguished supernovae in the nuclear regions of starburst galaxies", *New Astronomy Reviews*, **48**, 595.

54. Mattila, S., Meikle, W. P. S., Groeningsson, P., **Greimel, R., Schirmer, M.**, Acosta-Pulido, J. A., Li, W., "Supernova 2004am in M82", *IAU Circ*, **8299**, 2.
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59. Mobasher, B., Idzi, R., Benítez, N., Cimatti, A., Cristiani, S., Daddi, E., Dahlen, T., Dickinson, M., Erben, T., Ferguson, H. C., Giavalisco, M., Grogin, N. A., Koekemoer, A. M., Mignoli, M., Moustakas, L. A., Nonino, M., Rosati, P., **Schirmer, M.**, Stern, D., Vanzella, E., Wolf, C., Zamorani, G., "Photometric Redshifts for Galaxies in the GOODS Southern Field", *Astrophys J*, **600**, L167.
60. Munari, U., **Corradi, R. L. M.**, Whitelock, P. A., "HST expansion parallaxes of binary Miras", *ASP Conf Ser*, **318**, 374.
61. Oreiro, R., Ulla, A., Pérez Hernández, F., **Østensen, R.**, Rodríguez López, C., MacDonald, J., "Balloon 090100001: A bright, high amplitude sdB pulsator", *Astron Astrophys*, **418**, 243.
62. **Østensen, R. H.**, "The Subdwarf Database", *Astrophys J Suppl*, **291**, 263.
63. **Østensen, R. H.**, Telting, J. H., "Radial velocity and line-profile variations in the sdBV star PG 1325+101", *Astrophys J Suppl*, **291**, 449.
64. Perinotto, M., Patriarchi, P., Balick, B., **Corradi, R. L. M.**, "STIS observations of FLIERs in NGC 7662", *Astron Astrophys*, **422**, 963.
65. Pignata, G., Patat, F., Benetti, S., Blinnikov, S., Hillebrandt, W., Kotak, R., Leibundgut, B., Mazzali, P. A., Meikle, P., Qiu, Y., Ruiz-Lapuente, P., Smartt, S. J., Sorokina, E., Stritzinger, M., Stehle, M., Turatto, M., Marsh, T., Martin-Luis, F., McBride, N., **Méndez, J.**, Morales-Rueda, L., Narbutis, D., Street, R., "Photometric observations of the Type Ia SN 2002er in UGC 10743", *MNRAS*, **355**, 178.
66. Pinilla-Alonso, N., **Licandro, J.**, Campins, H., "Mineralogical analysis of two different kind of icy surfaces in the trans-neptunian belt, TNOs (50000) Quaoar and 2002 TX₃₀₀", *AAS/Division for Planetary Sciences Meeting Abstracts*, 36.
67. Pohlen, M., Martínez-Delgado, D., Majewski, S., Palma, C., **Prada, F.**, Balcells, M., "Tidal Streams around External Galaxies", *ASP Conf Ser*, **327**, 288.
68. Pollacco, P., **Skillen, I., Méndez, J.**, The Wasp Consortium, "SuperWASP: The Trials and Tribulations of a Remote Inauguration Ceremony", *ING NewsI*, **8**, 18.
69. Don Pollacco, **Ian Skillen, Javier Méndez** y el consorcio WASP, "SuperWASP: Los problemas de una inauguración remota", *IAC Noticias*, **1-2004**, 43.
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72. Reed, M. D., Green, E. M., Callera, K., Seitzzahl, I. R., White, B. A., Hyde, E. A., Giovanni, M. K., **Østensen, R.**, Bronowska, A., Jeffery, E. J., Cordes, O., Falter, S., Edelman, H., Dreizler, S., Schuh, S. L., "Discovery of Gravity-Mode Pulsators among Subdwarf B Stars: PG 1716+426, the Class Prototype", *Astrophys J*, **607**, 445.
73. Reed, M.D., et al., (with **Østensen, R.**), "Observations of the pulsating subdwarf B star Feige 48: Constraints on evolution and companions", *MNRAS*, **348**, 1164.
74. Rhee, J., Seibert, M., **Østensen, R. H.**, Yi, S. K., Rey, S.-C., Rich, R. M., Bianchi, L., Lee, Y.-W., "GALEX Survey for Subdwarf B Stars", *American Astronomical Society Meeting Abstracts*, 205.
75. **Rix, S. A.**, "The interstellar medium and stellar populations of high-redshift galaxies", *The Observatory*, **124**, 226.
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