



**HAL**  
open science

## Orbital elements of double stars: ADS 4371

Marco Scardia, Jean-Louis Prieur, Luigi Pansecchi, Robert W. Argyle

► **To cite this version:**

Marco Scardia, Jean-Louis Prieur, Luigi Pansecchi, Robert W. Argyle. Orbital elements of double stars: ADS 4371. Information circular - IAU Commission 26. Double stars, 2007, 161, pp.1. hal-00340021

**HAL Id: hal-00340021**

**<https://hal.science/hal-00340021>**

Submitted on 23 Nov 2019

**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

INTERNATIONAL ASTRONOMICAL UNION COMMISSION 26

(DOUBLE STARS)

INFORMATION CIRCULAR No. 161 (FEBRUARY 2007)

NEW ORBITS

ADS $\alpha$ 2000 $\delta$	Name n	P a	T i	e $\omega$	$\Omega$ (2000) Last ob.	2007 2008	Author(s)
1321 01409+1117	A 2320 9.6541	37 <sup>y</sup> 29 0 <sup>''</sup> 156	1997.49 59°2	0.711 54°2	74°4 1995.92	270°9 0 <sup>''</sup> 198 273.0 0.203	DOCOBO et al. (*)
- 03272+0944	HDS 433 1.6981	212.0 1.21	2003.2 57.0	0.66 60.7	332.3 2000.7595	79.9 0.255 94.0 0.288	RICA
4076 05322+7049	A 1034 0.7557	476.40 1.028	2311.52 103.4	0.297 164.3	126.2 1995.770	139.4 0.915 139.2 0.923	CVETKOVIC
4371 05474+2939	BU 560 0.4438	811.2 1.520	1860.66 129.7	0.644 242.5	139.5 2007.083	126.0 1.65 125.8 1.65	SCARDIA et al. (**)
- 06255+2320	MCA 26 3.0576	117.74 0.153	1984.28 81.6	0.559 311.6	145.8 1996.8691	201.2 0.030 211.7 0.028	ZIRM
7074 08539+0149	A 2554 4.3057	83.61 0.361	1986.30 124.7	0.218 129.9	148.5 1996.8665	280.0 0.256 275.1 0.249	ZIRM
- 15227-4441	COP 2 1.1260	319.71 0.756	2014.28 119.8	0.635 21.3	117.6 2000.40	129.3 0.292 126.4 0.291	ZIRM
- 16450+2928	COU 490 3.5960	100.1 0.218	2007.34 130.1	0.151 68.8	1.7 2005.520	305.0 0.131 298.4 0.127	DOCOBO & TAMAZIAN
10769 17457+1743	STF2205 0.1826	1971.12 3.885	2031.29 48.3	0.720 246.4	158.5 2002.491	359.1 1.105 0.2 1.091	CVETKOVIC
- 18035+4032	COU 1785 7.8740	45.72 0.135	1995.00 65.7	0.483 147.0	52.8 2005.515	1.9 0.084 8.5 0.094	DOCOBO & LING
11033 18044+0337	A 2257 1.0827	333. 0.324	1988.73 73.5	0.829 274.3	13.6 2005.520	27.0 0.154 27.7 0.157	DOCOBO & TAMAZIAN

**NEW ORBITS (continuation)**

<b>ADS</b> $\alpha$ <b>2000</b> $\delta$	<b>Name</b> <b>n</b>	<b>P</b> <b>a</b>	<b>T</b> <b>i</b>	<b>e</b> $\omega$	$\Omega$ (2000) <b>Last ob.</b>	<b>2007</b> <b>2008</b>	<b>Author(s)</b>
- 20216+1930	COU 327 AB 8.4786	42.46 0.147	1986.60 85.0	0.577 303.0	68.0 2005.516	239.6 0.119 240.5 0.129	DOCOBO & LING
16072 22339+6550	HU 983 2.7184	132.43 0.185	2005.27 68.7	0.745 226.0	144.7 1998.7795	55.1 0.019 98.3 0.029	ZIRM
16270 22478-0414	STF 2944 AB 0.3103	1160.28 4.119	2080.72 43.8	0.755 42.5	4.3 2005.8120	298.3 1.947 299.0 1.934	ZIRM
16633 23159-0905	BU 1220 BC 4.3057	83.61 0.469	1950.98 87.0	0.448 145.0	104.1 1986.72	103.7 0.616 103.8 0.610	ZIRM
16648 23175+1652	HU 497 BC 1.8467	194.9 0.379	2071.80 109.2	0.357 92.0	62.0 2003.712	87.7 0.296 86.8 0.301	LING

(\*) DOCOBO, ANDRADE & CAMPO (Visual-Spectroscopic orbit)

(\*\*) SCARDIA, PRIEUR, PANSECCHI & ARGYLE

## PAPERS PUBLISHED IN 2006

1. ABAD, C.; BONGIOVANNI, A. & GUILLEN, Y. (Editors): *Third International Meeting of Dynamic Astronomy in Latin America (ADeLA-2004)* . Rev. Mex. A. A.(SC) Vol 25 (2006).
2. ABT, H. A. & WILLMARTH, D.: *The Secondaries of Solar-Type Primaries. I. The Radial Velocities* . Astrophys. J. Sup. Ser. **162** (1), 207 (2006).
3. ALZNER, A.: *Micrometer Measurements from 2004.94 to 2005.96*. The Webb Soc. Double Star Section Cir. **14**, 6 (2006).
4. ARGYLE, R.: *Micrometer Measurements from 2005.0 to 2006.0*. The Webb Soc. Double Star Section Cir. **14**, 1 (2006).
5. ARMSTRONG, J. T. et al.: *The Hyades binary  $\theta^2$  Tauri: Confronting evolutionary models with optical interferometry* Astron. J. **131** (5), 2643 (2006)
6. AUSSELOOS, M. et al.: *High-precision Elements of Double-lined Spectroscopic Binaries from Combined Interferometry and Spectroscopy*. Astron. Astrophys. **454** (1), 259 (2006).
7. BAGNUOLO, W. G. et al.: *First Results from the CHARA Array. V. Binary Star Astrometry: The Case of 12 Persei*. Astron. J. **131** (5), 2695 (2006).
8. BAINES, D. et al.: *On the Binarity of Herbig Ae/Be Stars*. Monthly Notices **367** (2), 737 (2006)
9. BALEGA, I. I. et al.: *Orbits of New Hipparcos Binaries. II*. Astron. Astrophys. **448** (2), 703 (2006).
10. BALEGA, I. I. et al.: *Speckle interferometry of nearby multiple stars. III*. Bull. Special Astrophys. Obs., **59**, 20 (2006).
11. BASRI, G. & REINERS, A.: *A Survey for Spectroscopic Binaries Among Very Low Mass Stars* Astron. J. **132** (2), 663 (2006).
12. BODEN, A. F.; TORRES, G. & LATHAM, D. W.: *A Physical Orbit for the High Proper Motion Binary HD 9939*. Astrophys. J. **644** (2), 1193 (2006).
13. BOUY, H. et al.: *Multiplicity of Very Low-Mass Objects in the Upper Scorpius OB Association: a possible wide binary population*. Astron. Astrophys. **451** (1), 177 (2006).
14. BOYAJIAN, T. S. et al: *The B Supergiant Components of the Double-lined Binary HD 1383*. Astrophys. J. **646** (2), 1209 (2006).
15. BRANDEKER, A.; JAYAWARDHANA, R. & KHAVARI, P.: *Deficit of Wide Binaries in the  $\eta$  Chamaeleontis Young Cluster*. Astrophys. J. **652** (2), 1572 (2006).
16. CATALA, C.; FORVEILLE, T. & LAI, O.: *Adaptative Optics Observations of the Binary Star HD 43587* Astron. J. **132** (6), 2318 (2006)

17. CHRISTOU, J. C. & DRUMMOND, J. D.: *Measurements of Binary Stars, Including Two New Discoveries, With the Lick Observatory Adaptive Optics System* Astron. J. **131** (6), 3100 (2006)
18. CORREIA, S. et al.: *A VLT/NACO Survey for Triple and Quadruple Systems Among Visual Pre-main Sequence Binaries.* Astron. Astrophys. **459** (3), 909 (2006).
19. CVETKOVIC, Z. et al: *CCD Measurements of Double and Multiple Stars at NAO Rozhen. II.* Serv. A. J. **172**, 53 (2006).
20. CVETKOVIC, Z. & NOVAKOVIC, B.: *Orbits for Sixteen Binaries.* Serv. A. J. **173**, 73 (2006).
21. DESIDERA, S. et al.: *Spectroscopic Characterization of a Sample of Southern Visual Binaries.* Astron. Astrophys. **454** (2), 553 (2006).
22. DIONNE, D. & ROBERT, C.: *Evolutionary Synthesis Models of Young Star-forming Regions: The Influence of Binary Stars.* Astrophys. J. **641** (1), 252 (2006).
23. DOCOBO, J. A. & Andrade, M.: *A Methodology for the Description of Multiple Stellar Systems with Spectroscopic Subcomponents.* Astrophys. J. **652** (1), 681 (2006).
24. DOCOBO, J. A. et al.: *Speckle Measurements and Differential Photometry of Visual Binaries with the 6 Meter Telescope of the Special Astrophysical Observatory.* Astron. J. **132** (3), 994 (2006).
25. DONNISON, J. R.: *The Hill Stability of a Binary or Planetary System During Encounters with a Third Inclined Body.* Monthly Notices **369** (3), 1267 (2006)
26. DUCHÊNE, G. et al.: *Accurate Stellar Masses in the Multiple System T Tauri .* Astron. Astrophys. **457** (1), L9 (2006).
27. EGGLETON, P. P. & KISSELEVA-EGGLETON, L.: *A Mechanism for Producing Short-Period Binaries .* Astrophys. Space Science **304** (1-4), 75 (2006).
28. EVANS, N. R. et al: *Cepheids in Multiple Systems: ADS 14859.* Pub. Astron. Soc. of the Pacific **118** (849), 1545 (2006).
29. FEIGELSON, E. D. et al.: *51 Eridani and GJ 3305: A 1015 Myr Old Binary Star System at 30 Parsecs* Astron. J. **131** (3), 1730 (2006)
30. FEKEL, F. C. & HENRY, G. W.: *Spectroscopy and Photometry of the Double-Lined Binary HD 149420* Astron. J. **131** (3), 1724 (2006)
31. FEKEL, F. C. et al.: *HD 131861, a Double-Line Spectroscopic Triple System* Astron. J. **132** (5), 1910 (2006)
32. FOELLM, C.; MOFFAT, A.F.J. & MARCHENKO, S.V.: *The Massive Eclipsing LMC Wolf-Rayet Binary BAT99-129 - I. Orbital Parameters, Hydrogen Content and Spectroscopic Characteristics .* Astron. Astrophys. **447** (2), 667 (2006).

33. FRASCA, A. et al.: *Newly Discovered Active Binaries in the RasTyc Sample of Stellar X-ray Sources - I. Orbital and Physical Parameters of Six New Binaries.* *Astron. Astrophys.* **454** (1), 301 (2006).
34. GAMEN R. et al.: *The First Orbital Solution for the Massive Colliding-Wind Binary HD 93162 (WR 25) .* *Astron. Astrophys.* **460** (3), 777 (2006).
35. GATEWOOD, G. & HAN, I.: *An Astrometric Study of Procyon* *Astron. J.* **131** (2), 1015 (2006)
36. GELINO, C. R.; KULKARNI, S. R. & STEPHENS D. C. : *Evidence of Orbital Motion in the Binary Brown Dwarf Kelu-1AB .* *Pub. Astron. Soc. of the Pacific* **118** (842), 611 (2006).
37. GOLDIN, A. & MAKAROV. V. V.: *Unconstrained Astrometric Orbits for Hipparcos Stars with Stochastic Solutions .* *Astrophys. J. Sup. Ser.* **166** (1), 341 (2006).
38. GONZALEZ, J. F. & LEVATO, H.: *Separation of Composite Spectra: the Spectroscopic Detection of an Eclipsing Binary Star.* *Astron. Astrophys.* **448** (1), 283 (2006).
39. GONZALEZ, J. F. et al.: *AO Velorum: a Young Quadruple System with a ZAMS Eclipsing BpSi Primary .* *Astron. Astrophys.* **449** (1), 327 (2006).
40. GRIFFIN, R. E. M.; GRIFFIN, R. F. & STICKLAND, D. J.: *Composite Spectra Paper 14: HR 1129, a Long-Period Binary Showing Evidence of Circumbinary Material.* *Monthly Notices* **373** (4), 1351 (2006).
41. GRIFFIN, R. F. : *Spectroscopic Binary Orbits from Photoelectric Radial Velocities - Paper 186: 56 Pegasi.* *The Observatory* **126**, 1 (2006).
42. GRIFFIN, R. F. : *Spectroscopic Binary Orbits from Photoelectric Radial Velocities - Paper 187: HR 3936 and HD 100215.* *The Observatory* **126**, 119 (2006).
43. GRIFFIN, R. F. : *Spectroscopic Binary Orbits from Photoelectric Radial Velocities - Paper 188: HD 14544, HDE 237201, 66 Orionis, HD 216218, and HD 220102.* *The Observatory* **126**, 186 (2006).
44. GRIFFIN, R. F. : *Spectroscopic Binary Orbits from Photoelectric Radial Velocities - Paper 189: HD 14415, HR 3112, and HR4454.* *The Observatory* **126**, 265 (2006).
45. GRIFFIN, R. F. : *Spectroscopic Binary Orbits from Photoelectric Radial Velocities - Paper 190: HD 109484, HD 110376, HD 119334, and HD 120531.* *The Observatory* **126**, 318 (2006).
46. GRIFFIN, R. F. : *Photoelectric Radial Velocities, Paper XVII The Orbits of 30 Spectroscopic Binaries in the Southern Clube Selected Areas.* *Monthly Notices* **371** (3), 1159 (2006).
47. GRIFFIN, R. F. & BOFFIN, H. M. J.: *Spectroscopic Binary Orbits from Photoelectric Radial Velocities - Paper 191: HD 17310, HD 70645, and HD 80731.* *The Observatory* **126**, 401 (2006).

48. GRIFFIN, R. F. & CORNELL, A. P.: *Photoelectric Radial Velocities, Paper XVI 625 Ninth-Magnitude K0 Stars in the Six Southern Clube Selected Areas*. Monthly Notices **371** (3), 1140 (2006).
49. HENRY, G. W. et al.: *HD 71636, a Newly Discovered Eclipsing Binary* Astron. J. **132** (6), 2489 (2006)
50. HERBIG, G. H. & GRIFFIN, R. F.:  $\theta^1$  *Orionis E as a Spectroscopic Binary* Astron. J. **132** (5), 1763 (2006)
51. HILLWIG, T. C. et al: *Binary and Multiple O-Type Stars in the Cassiopeia OB6 Association* . Astrophys. J. **639** (2), 1069 (2006).
52. HORCH, E. P. et al.: *Speckle Interferometry of Southern Double Stars. III. Measures from the CESCO Observatory, 1994-1996* Astron. J. **131** (2), 1000 (2006)
53. HORCH, E. P. et al.: *CCD Speckle Observations of Binary Stars from the Southern Hemisphere. IV. Measures During 2001* Astron. J. **131** (6), 3008 (2006)
54. HORCH, E. P. et al.: *Fourier Analysis of Hubble Space Telescope Fine Guidance Sensor Data of Binary Stars and Application to the Multiple System HD 1547948* Astron. J. **132** (2), 836 (2006)
55. HORCH, E. P.; FRANZ, O. G. & VAN ALTENA, W. F.: *Characterizing Binary Stars Below the Diffraction Limit with CCD-based Speckle Imaging* Astron. J. **132** (6), 2478 (2006)
56. KHALIULLIN, KH. F. & KHALIULLINA, A. I.: *Apsidal motion and the third-body problem in the binary HS Her* . Astron. Reports **50** (10), 814 (2006).
57. KIYAEVA, O. V.: *Astrometric Study of the Triple Star ADS 9173*. Astron. Lett. **32** (12), 836 (2006).
58. KÖHLER, R. et al.: *Binary stars in the Orion Nebula Cluster* . Astron. Astrophys. **458** (2), 461 (2006).
59. LAW, N. M.; HODGKIN, S. T. & MACKAY, C.D.: *Discovery of Five Very Low Mass Close Binaries, Resolved in the Visible with Lucky Imaging* . Monthly Notices **368** (4), 1917 (2006)
60. LIBICH, J. et al.: *The New Orbital Elements and Properties of  $\epsilon$  Persei* . Astron. Astrophys. **446** (2), 583 (2006).
61. LUCY, L. B.: *Spectroscopic Binaries With Components of Similar Mass* . Astron. Astrophys. **457** (2), 629 (2006).
62. MALKOV, O. Y. et al.: *A Catalogue of Eclipsing Variables* . Astron. Astrophys. **446** (2), 785 (2006).
63. MARTIN, E. L. et al.: *Resolved Hubble Space Spectroscopy of Ultracool Binary Systems* . Astron. Astrophys. **456** (1), 253 (2006).

64. MASON, B. D. et al.: *Speckle Interferometry at the US Naval Observatory. XI.* Astron. J. **131** (5), 2687 (2006).
65. MASON, B. D. et al.: *Speckle Interferometry at the US Naval Observatory. XII.* Astron. J. **132** (5), 2219 (2006).
66. McELWAIN, M. W. & BURGASSER, A. J.: *Resolved Spectroscopy of M Dwarf/L Dwarf Binaries. II. 2MASS J17072343-0558249AB* Astron. J. **132** (5), 2074 (2006)
67. MELIKIAN, N. D.; TAMAZIAN, V. S. & KARAPETIAN, A. A.: *Spectral and Photographic Studies of the Known T Association in the Neighborhood of Cyg OB7* Ap **49**, 320 (2006).
68. MELIKIAN, N. D. et al.: *Spectral study of the flare star EV Lac* Ap **49**, 488 (2006).
69. MONTAGNIER, G. et al.: *Five New Very Low Mass Binaries* . Astron. Astrophys. **460** (2), L19 (2006).
70. MUGRAUER, M. et al.: *A Search for Wide Visual Companions of Exoplanet Host Stars: The Calar Alto Survey.* Astron. Nach. **327** (4), 321 (2006).
71. MUTERSPAUGH, M. W. et al: *PHASES Differential Astrometry and Iodine Cell Radial Velocities of the Pegasi Triple Star System.* Astrophys. J. **636** (2), 1020 (2006).
72. MUTERSPAUGH, M. W. et al: *Limits to Tertiary Astrometric Companions in Binary Systems* . Astrophys. J. **653** (2), 1469 (2006).
73. NEILL, I. et al: *2MASS J22521073-1730134: A Resolved L/T Binary at 14 Parsecs.* Astrophys. J. **639** (2), 1114 (2006).
74. NOVAKOVIC, B. & TODOROVIC, N.: *Orbits of Four Double Stars.* Serv. A. J. **172**, 21 (2006).
75. OLEVIC, D. & CVETKOVIC Z.: *Dynamical Masses of the Components in o Andromedae* Astron. J. **131** (3), 1723 (2006)
76. PHAN-BAO, N. et al: *LP 714-37: A Wide Pair of Ultracool Dwarfs Actually Is a Triple.* Astrophys. J. Lett. **645** (2), L153 (2006).
77. POGODIN, M. A. et al.: *The Herbig B0e Star HD 53367: Circumstellar Activity and Evidence of Binarity* . Astron. Astrophys. **452** (2), 551 (2006).
78. PRIEUR, J.-L.; CARQUILLAT, J.-M. & GRIFFIN, R. F.: *Contribution to the Study of Binaries with Spectral Types F, G, K, and M - XI. Orbital Elements of Three Red-Giant Spectroscopic Binaries: HR 1304, HR 1908, and HD 126947.* Astron. Nach. **327** (7), 686 (2006).
79. PRIEUR, J.-L.; CARQUILLAT, J.-M. & IMBERT, M.: *Contribution to the Search for Binaries Among Am Stars VII. Orbital Elements of Seven New Spectroscopic Binaries, Implications on Tidal Effects.* Monthly Notices **372** (2), 703 (2006)



80. RAGHAVAN, D. et al.: *Two Suns in The Sky: Stellar Multiplicity in Exoplanet Systems*. *Astrophys. J.* **646** (1), 523 (2006).
81. RUCINSKI, S. M. & DUERBECK, H. W.: *Radial Velocity Studies of Southern Close Binary Stars. I. Winter Systems* *Astron. J.* **132** (4), 1539 (2006)
82. SCARDIA, M. et al.: *Speckle observations with PISCO in Merate - II. Astrometric measurements of visual binaries in 2004*. *Monthly Notices* **367** (3), 1170 (2006)
83. SCARDIA, M. et al.: *Speckle Observations with PISCO in Merate - III. Astrometric Measurements of Visual Binaries in 2005 and Scale Calibration with a Grating Mask*. *Monthly Notices MNRAS*.tmp.1331S (2006).
84. SCHAEFER, G. H. et al.: *Dynamical Mass Estimates for Incomplete Orbits: Young Multiple Stars in Taurus and Ophiuchus*. *Astron. J.* **132** (6), 2618 (2006)
85. SHAKHOVSKOJ, D. et al.: *Photopolarimetric Activity and Circumstellar Environment of the Young Binary System DF Tau*. *Astron. Astrophys.* **448** (3), 1075 (2006).
86. SIMON, M.; BENDER, C. & PRATO, L.: *The Gl569 Multiple System*. *Astrophys. J.* **644** (2), 1183 (2006).
87. TAMAZIAN, V. S. & DOCOBO, J. A.: *Orbits and Differential Photometry for Visual Binaries A 1529, HU 610 and COU 2031* *Astron. J.* **131** (5), 2681 (2006)
88. TAMAZIAN, V. S.: *Visual Orbit, Differential Photometry and Dynamical Mass of DG Leo* *Astron. J.* **132** (5), 2156 (2006)
89. TAMAZIAN, V. S. et al.: *MK Classification and Dynamical Masses for Late-Type Visual Binaries*. *Pub. Astron. Soc. of the Pacific* **118** (844), 814 (2006).
90. TANGO, W. J. et al.: *Orbital Elements, Masses and Distance of  $\lambda$  Scorpii A and B Determined with the Sydney University Stellar Interferometer and High-Resolution Spectroscopy*. *Monthly Notices* **370** (2), 884 (2006)
91. THOMPSON, B. & YEELIN, T.: *Duplicity in 16 Piscium Confirmed from its Occultation by  $\gamma$  Iris on 2006 May 5*. *Pub. Astron. Soc. of the Pacific* **118** (850), 1648 (2006).
92. THOREL, J. C. & THOREL, Y.: *Mesures of visual double stars (18th series)*. *Obs. et Travaux* **63**, 11 (2006).
93. TOKOVININ, A. et al.: *Tertiary Companions to Close Spectroscopic Binaries*. *Astron. Astrophys.* **450** (2), 681 (2006).
94. TOMKIN, J. & FEKEL, F. C.: *New Precision Orbits of Bright Double-Lined Spectroscopic Binaries. I. RR Lyncis, 12 Bootis and HR 6169* *Astron. J.* **131** (5), 2652 (2006)
95. TORRES, G.: *The Astrometric-Spectroscopic Binary System HIP 50796: An Over-massive Companion* *Astron. J.* **131** (2), 1022 (2006)

96. TORRES, G.: *The Multiple System HD 27638* Astron. J. **131** (3), 1702 (2006)
97. TORRES, G. et al: *The Eclipsing Binary V1061 Cygni: Confronting Stellar Evolution Models for Active and Inactive Solar-Type Stars* . Astrophys. J. **640** (2), 1018 (2006).
98. VARRICATT, W. P. & ASHOK, N.M.: *WR 143: a WolfRayet binary*. Monthly Notices **365** (1), 127 (2006)
99. WYCOFF, G.L.; MASON, B. D. & URBAN, S. E.: *Data Mining for Double Stars in Astrometric Catalogs* Astron. J. **132** (1), 50 (2006).
100. ZHUCHKOV, R. Y.; ORLOV, V. V. & RUBINOV, A. V.: *Dynamical Stability of the Quadruple Systems HD 68255/6/7 and HD 76644* Astron. Reports **50** (1), 62 (2006)

### ANNOUNCEMENT

The ESO workshop “Multiple Stars across the H-R Diagram” was held in Garching on July 12-15, 2005. The Proceedings of this meeting are available electronically at [www.eso.org/gen-fac/meetings/ms2005/proc\\_papers.html](http://www.eso.org/gen-fac/meetings/ms2005/proc_papers.html)

Andrei Tokovinin  
Cerro Tololo Inter-American Observatory

\*\*\*\*\*

The deadline for contributions to Information Circular No. 162 is:

June 15th 2007

**J. A. Docobo** (oadoco@usc.es)

**J. F. Ling** (oafana@usc.es)

Tel. +34 981592747

Fax: +34 981597054

Observatorio Astronómico R. M. Aller

P. O. Box 197

<http://www.usc.es/astro>

Universidade de Santiago de Compostela

SPAIN

---

**ISSN:** 1024-7769