

2008

1. Albert, J., Aliu, E., Anderhub, H., Antoranz, P., Backes, M., Baixeras, C., Barrio, J.A., Bartko, H., Bastieri, D., Becker, J.K. & 134 coauthors: Multiwavelength (Radio, X-Ray, and gamma-Ray) Observations of the gamma-Ray Binary LS I +61 303, 2008, ApJ 684, 1351
2. \* Bourda, G., Charlot, P. & Le Campion, J.-F.: "Astrometric suitability of optically-bright ICRF sources for the alignment with the future Gaia celestial reference frame" 2008, A&A 490, 403
3. Dodson, R., Fomalont, E.B., Wiik, K., Horiuchi, S., Hirabayashi, H., Edwards, P.G., Murata, Y., Asaki, Y., Moellenbrock, G.A. & Scott, W.K., and 14 coauthors: The VSOP 5 GHz Active Galactic Nucleus Survey. V. Imaging Results for the Remaining 140 Sources, 2008, ApJS, 175, 314
4. Frey, S., Gurvits, L.I., Paragi, Z. & Gabanyi, K.E.: High-resolution double morphology of the most distant known radio quasar at  $z=6.12$ , 2008, A&A 484, 39
5. Frey, S., Gurvits, L.I., Paragi, Z., Mosoni, L., Garrett, M.A. & Garrington, S.T.: Deep extragalactic VLBI-optical survey (DEVOS). II. Efficient VLBI detection of SDSS quasars 2008, A&A, 477, 781
6. Harvey-Smith, L. & Soria-Ruiz, R.: European VLBI Network observations of 6.7-GHz methanol masers in a candidate circumstellar disc, 2008, MNRAS 391, 1273
7. Hong, X.-Y., Sun, C.-H., Zhao, J.-H., Jiang, D.-R., Shen, Z.-Q., An, T., Wang, W.-H. & Yang, J.: Bending of Jets in the QSO NRAO 530, 2008, ChJAA, 8, 179
8. \* Lambert, S. B., Dehant, V. & Gontier, A.-M.: "Celestial frame instability in VLBI analysis and its impact on geophysics" 2008, A&A 481, 535
9. Liu, Y., Jiang, D.R., Wang, T.G. & Xie, F.G.: The compact structure of radio-loud broad absorption line quasars, 2008, MNRAS 391, 246
10. More, A., McKean, J.P., Muxlow, T.W.B., Porcas, R.W., Fassnacht, C.D. & Koopmans, L.V.E.: Probing a massive radio galaxy with gravitational lensing, 2008, MNRAS 384, 1701
11. \* Mueller, J., Soffel, M., Klioner, S.A.: Geodesy and relativity, 2008, J Geodesy, 82, 3, 133
12. \* Ray, J., Altamimi, Z., Collilieux, X., van Dam, T.: Anomalous harmonics in the spectra of GPS position estimates, 2008, GPS Solutions, 12, 1, 55
13. Roland, J., Britzen, S., Kudryavtseva, N.A., Witzel, A. & Karouzos, M.: Modeling nuclei of radio galaxies from VLBI radio observations. Application to the BL Lac Object S5 1803+784, 2008, A&A, 483, 125
14. Sekido, M., Takiguchi, H., Koyama, Y., Kondo, T., Haas, R., Wagner, J., Ritakari, J., Kurihara, S. & Kokado, K.: Ultra-rapid UT1 measurement by e-VLBI, 2008, Earth, Planets and Space 60, 865

15. Zutehr, J., Fischer, S. & Eckart, A.: The nuclear radio structure of X-ray bright AGN. 2008, *J. Phys. Conf. Ser.*, 131, 012042

2007

1. \* Altamimi, Z., Collilieux, X., Legrand, J., Garayt, B., Boucher C.: ITRF2005: A new release of the International Terrestrial Reference Frame based on time series of station positions and Earth Orientation Parameters, 2007, *J Geophys Res*, 112, B09401
2. \* Argus, D.F.: Defining the translational velocity of the reference frame of Earth, 2007, *GeoJI*, 190
3. Bartel, N., Bietenholz, M.F., Rupen, M.P. & Dwarkadas, V.V.: SN 1993J VLBI. IV. A Geometric Distance to M81 with the Expanding Shock Front Method, 2007, *ApJ*, 668, 924
4. Bietenholz, M.F. & Bartel, N.: SN 2001em: No Jet-driven Gamma-Ray Burst Event, 2007, *ApJ*, 665, 47
5. \* Brzezinsky, A.: A simple digital filter for the geophysical excitation of nutation, 2007, *J Geodesy*, 81, 6-8, 543
6. \* Collilieux, X., Altamimi, Z., Coulot, D., Ray, J., Sillard P.: Comparison of very long baseline interferometry, GPS, and satellite laser ranging height residuals from ITRF2005 using spectral and correlation methods, 2007, *J Geophys Res*, 112, B12403
7. \* Dawson, J., Sarti, P., Johnston, G.M., Vittuari L.: Indirect approach to invariant point determination for SLR and VLBI systems: an assessment, 2007, *J Geodesy*, 81, 6, 433
8. \* Feissel-Vernier, M., de Viron, O. & Le Bail, K.: Stability of VLBI, SLR, DORIS, and GPS positioning, 2007, *EP&S*, 59, 475
9. Fish, V.L. & Sjouwerman, L.O.: Structure of W3(OH) from Very High Spectral Resolution Observations of 5 Centimeter OH Masers, 2007, *ApJ*, 668, 331
10. Goddi, C., Moscadelli, L., Sanna, A., Cesaroni, R. & Minier, V.: Associations of H<sub>2</sub>O and CH<sub>3</sub>OH masers at milli-arcsec angular resolution in two high-mass YSOs, 2007, *A&A*, 461, 1027
11. \* Hobiger, T., Kondo, T., Schuh, H.: Very long baseline interferometry as a tool to probe the ionosphere, 2007, *Radio Sci*, 41, RS1006
12. Krips, M., Eckart, A., Krichbaum, T.P., Pott, J.-U., Leon, S., Neri, R., Garcia-Burillo, S., Combes, F., Boone, F., Baker, A.J., Tacconi, L.J., Schinnerer, E. & Hunt, L.K.: NUClei of GALaxies. V. Radio emission in 7 NUGA sources, 2007, *A&A*, 464, 553
13. \* Lambert, S.B. & Dehant, V.: The Earth's core parameters as seen by the VLBI, 2007, *A&A*, 469, 777
14. Liu, X. Cui, L., Luo, W.-F. Shi, W.-Z. & Song, H.-G.: VLBI observations of nineteen GHz-peaked-spectrum radio sources at 1.6 GHz, 2007, *A&A*, 470, 97
15. Luo, W.-F. Yang, J. Cui, L. Liu, X. & Shen, Z.-Q.: Seven-frequency VLBI Observations of the GHz-Peaked-Spectrum Source OQ 208, 2007, *ChJAA*, 7, 611

16. Ly, C., Walker, R.C. & Junor, W.: High-Frequency VLBI Imaging of the Jet Base of M87, 2007, *ApJ*, 660, 200
17. \* MacMillan, D.S., Ma, C.: Radio source instability in VLBI analysis, 2007, *J Geodesy*, 81, 6, 443
18. \* Malkin, Z., Empiric models of the Earth's free core nutation, 2007, *Solar System Research*, 41, 6, 492
19. Marti<sup>1</sup>-Vidal, I., Marcaide, J.M., Alberdi, A., Guirado, J.C., Lara, L., Perez-Torres, M.A., Ros, E., Argo, M.K., Beswick, R.J., Muxlow, T.W.B., Pedlar, A. & Shapiro, I.I., Stockdale, C.J., Sramek, R.A., Weiler, K.W. & Vinko, J.: 8.4 GHz VLBI observations of SN 2004 in NGC 6946, 2007, *A&A*, 470, 1071
20. Moscadelli, L., Goddi, C., Cesaroni, R., Beltran, M.T. & Furuya, R.S.: Massive star-formation in G24.78+0.08 explored through VLBI maser observations, 2007, *A&A*, 472, 867
21. \* Petrov, L.: The empirical Earth rotation model from VLBI observations, 2007, *A&A*, 467, 359
22. Piner, B.G., Mahmud, M., Fey, A.L. & Gospodinova, K.: Relativistic Jets in the Radio Reference Frame Image Database. I. Apparent Speeds from the First 5 Years of Data, 2007, *AJ*, 133, 2357 the Jet Base of M87, 2007, *ApJ*, 660, 200
23. Rushton, A., Spencer, R.E., Strong, M., Campbell, R.M., Casey, S., Fender, R.P., Garrett, M.A., Miller-Jones, J.C.A., Pooley, G.G., Reynolds, C., Szomoru, A., Tudose, V. & Paragi, Z.: First e-VLBI observations of GRS1915+105, 2007, *MNRAS*, 374L, 47
24. \* Souchay, J., Lambert, S.B. & Le Poncin-Lafitte, C.: A comparative study of rigid Earth, non-rigid Earth nutation theories, and observational data, 2007, *A&A*, 472, 681
25. \* Schlueter, W., Behrend, D.: The International VLBI Service for Geodesy and Astrometry (IVS): current capabilities and future prospects, 2007, *J Geodesy*, 81, 6, 379
26. \* Sokolova, J., Malkin, Z.: On comparison and combination of catalogues of radio source positions, 2007, *A&A*, 474, 665
27. \* Steigenberger, P., Tesmer, V., Kruegel, M., Thaller, D., Schmid, R., Vey, S., Rothacher, M.: Comparisons of homogeneously reprocessed GPS and VLBI long time-series of troposphere zenith delays and gradients, 2007, *J Geodesy*, 81, 6, 503
28. Tarchi, A., Brunthaler, A., Henkel, C., Menten, K.M., Braatz, J. & Weiss, A.: The innermost region of the water megamaser radio galaxy 3C 403, 2007, *A&A*, 475, 497
29. \* Tesmer, V., Boehm, J., Heinkelmann, R., Schuh, H.: Effect of different tropospheric mapping functions on the TRF, CRF and position time-series estimated from VLBI, 2007, *J Geodesy*, 81, 6, 409
30. \* Thomas, I.D., King, M.A., Clarke, P.J.: A comparison of GPS, VLBI and model estimates of ocean tide loading displacements, 2007, *J Geodesy*, 81, 5, 359
31. \* Titov, O.A.: Apparent proper motions of radio sources from geodetic VLBI data, 2007, *AstL*, 33, 481

32. \* Titov, O.: Effect of the selection of reference radio sources on geodetic estimates from VLBI observations, 2007, *J Geodesy*, 81, 6, 455
33. \* Tornatore, V., Charlot, P.: The impact of radio source structure on European geodetic VLBI measurements, 2007, *J Geodesy*, 81, 6, 469
34. Tudose, V., Fender, R.P., Garrett, M.A., Miller-Jones, J.C.A., Paragi, Z., Spencer, R.E., Pooley, G.G., van der Klis, M., Szomoru, A.: First e-VLBI observations of Cygnus X-3, 2007, *MNRAS*, 375, 11
35. \* Vennebusch, M., Boeckmann, S., Nothnagel, A.: The contribution of Very Long Baseline Interferometry to ITRF2005, 2007, 81, 6, 553
36. Volvach, A.E., Pushkarev, A.B, Larionov, M.G., Volvach, L.N., Aller, H.D. & Aller, M.F.: Variations in the integral fluxes and structure of the radio source 3C120, 2007, *Ap*, 50, 265
37. \* Wresmik, J., Haas, R., Boehm, J., Schuh, H.: Modeling thermal deformation of VLBI antennas with a new temperature model, 2007, *J Geodesy*, 81, 6, 423
38. Wu, Z., Jiang, D.R., Gu, M. & Liu, Y.: VLBI observations of seven BL Lacertae objects from RGB sample, 2007, *A&A*, 466, 63
39. Zhang, M., Jackson, N., Porcas, R.W. & Browne, I.W.A.: A search for the third lensed image in JVAS B1030+074, 2007, *MNRAS*, 377, 1623

1. Beswick, R.J., Riley, J.D., Marti-Vidal, I., Pedlar, A., Muxlow, T.W.B., McDonald, A.R., Wills, K.A., Fenech, D. & Argo, M.K.: 15 years of very long baseline interferometry observations of two compact radio sources in Messier 82, 2006, MNRAS, 369, 1221
2. Chakrabarti, S.K., Pal, S. & Nandi, A.: Simultaneous VLBI/GMRT/RXTE observation of SS433, 2006, A&A, 453, 965
3. Chen, Y., Gu, M., Shen, Z.-Q. & Fan, Z.: A possible EGRET source with a two-sided radio jet structure on a parsec scale - 3EGJ0808+5114, 2006, MNRAS, 370, 1885
4. \* Feissel-Vernier, M., Ma, C., Gontier, A.-M., Barache, C.: Analysis strategy issues for the maintenance of the ICRF axes, 2006, A&A, 452, 1107
5. Frey, S., Gurvits, L.I., Gabuzda, D.C., Salter, C.J., Altschuler, D.R., Perillat, P., Aller, M.F., Aller, H.D., Hirabayashi, H. & Davis, M.M.: VSOP Monitoring of the Compact BL Lac Object AO 0235+164, 2006, PASJ, 58, 217
6. Gabanyi, K.E. Krichbaum, T.P., Britzen, S., Bach, U., Ros, E., Witzel, A. & Zensus, J.A.: High frequency VLBI observations of the scatter-broadened quasar B 2005+403, 2006, A&A, 451, 85
7. Giroletti, M., Giovannini, G., Taylor, G.B., Falomo, R.: A Sample of Low-Redshift BL Lacertae Objects. II. EVN and MERLIN Data and Multiwavelength Analysis, 2006, ApJ, 646, 801
8. \* Krasinsky, G.A.: Numerical theory of rotation of the deformable Earth with the two-layer fluid core. Part 1: Mathematical model, 2006, Celestial Mech Dyn Astr, 96, 169
9. \* Krasinsky, G.A., Vasilyev, M.V.: Numerical theory of rotation of the deformable Earth with the two-layer fluid core. Part 2: Fitting to VLBI data, 2006, Celestial Mech Dyn Astr, 96, 219
10. Labiano, A., Vermeulen, R.C., Barthel, P.D., O'Dea, C.P., Gallimore, J.F., Baum, S. & de Vries, W.: H I absorption in 3C 49 and 3C 268.3. Probing the environment of compact steep spectrum and GHz peaked spectrum sources, 2006, A&A, 447, 481
11. Lonsdale, Colin, J., Diamond, P.J., Thrall, H., Smith, H.E., Harding, E. & Lonsdale, Carol, J.: VLBI Images of 49 Radio Supernovae in Arp 220, 2006, ApJ, 647, 185
12. Marecki, A., Kunert-Bajraszewska, M. & Spencer, R.E.: FIRST-based survey of compact steep spectrum sources. III. MERLIN and VLBI observations of subarcsecond-scale objects, 2006, A&A, 449, 985
13. \* Mendes Cerveira, P.J., Heinkelmann, R., Boehm, J., Weber, R., Schuh H.: Contributions of GPS and VLBI for understanding station motions, 2006, J Geodynamics, 41, 87
14. Mittal, R., Porcas, R., Wucknitz, O., Biggs, A. & Browne, I.: VLBI phase-reference observations of the gravitational lens JVAS B0218+357, 2006, A&A, 447, 515
15. Montebugnoli, S., Bortolotti, C., Cattani, A., Maccaferri, A., Orlati, A., Poloni, M., Poppi, S., Monari, J., Roma, M., Paria, P.P., Teodorani, M., Righini, S., Maccone, C., Caliendo, D., Cosmovici, C.B., D'amico, N.: SETI-Italia 2003 status report and first results of a KL transform algorithm for ETI signal detection, 2006, Acta Astronautica, 58, 4, 222

16. Mosoni, L., Frey, S., Gurvits, L.I., Garrett, M.A., Garrington, S.T., Tsvetanov, Z.I.: Deep Extragalactic VLBI-Optical Survey (DEVOS). I. Pilot MERLIN and VLBI observations, 2006, *A&A*, 445, 413
17. \* Panafidina, N., Malkin, Z., Weber, R.: A new combined European permanent network station coordinates solution, 2006, *J Geodesy*, 80, 7, 373
18. Perez-Torres, M.A., De Breuck, C., van Breugel, W. & Miley, G.: Very high-resolution radio observations of HzRGs, 2006, *AN*, 327, 245
19. \* Pesek, I., Kostelecky, J.: Simultaneous determination of Earth orientation parameters and station coordinates from combination of results of different observation techniques, 2006, *Studia Geophysica et Geodaetica*, 50, 4, 537
20. Pradel, N., Charlot, P. & Lestrade, J.-F.: Astrometric accuracy of phase-referenced observations with the VLBA and EVN, 2006, *A&A*, 452, 1099
21. Vermeulen, R.C., Labiano, A., Barthel, P.D., Baum, S.A., de Vries, W.H. & O'Dea, C.P.: Atomic hydrogen in the one-sided 'compact double' radio galaxy 2050+364, 2006, *A&A*, 447, 489
22. Volvach, A.E., Pushkarev, A.B., Aller, H.D. & Aller, M.F.: 3C120: total flux variations and evolution of the very-long-baseline interferometry structure, 2006, *A&AT*, 25, 405
23. Xiang, L., Reynolds, C., Strom, R.G. & Dallacasa, D.: European VLBI network observations of fourteen GHz-peaked-spectrum radio sources at 5 GHz, 2006, *A&A*, 454, 729

2005

1. \* Altamimi, Z., Boucher, C. & Willis, P.: Terrestrial reference frame requirements within GGOS perspective, 2005, *J Geodynamics*, 40, 4-5, 363
2. Bach, U., Krichbaum, T.P., Ros, E., Britzen, S., Tian, W.W., Kraus, A., Witzel, A. & Zensus, J.A.: Kinematic study of the blazar S5 0716+714, 2005, *A&A*, 433, 815
3. Bartkiewicz, A., Szymczak, M. & van Langevelde, H.J.: Ring shaped 6.7 GHz methanol maser emission around a young high-mass star, 2005, *A&A*, 442L, 61
4. \* Beutler, G., Drewes, H. & Verdun, A.: The Integrated Global Geodetic Observing System (IGGOS) viewed from the perspective of history, 2005, *J Geodynamics*, 40, 4-5, 414
5. Bietenholz, M.F. & Bartel, N.: An Upper Limit on the Expansion Velocity of Gamma-Ray Burst Candidate SN 2001em, 2005, *ApJ*, 625L, 99
6. Bietenholz, M.F., Bartel, N. & Rupen, M.P.: The history of SN 1986J and the emergence of a new compact radio component in its center, 2005, *AdSpR*, 35, 1052
7. Bondi, M., Perez-Torres, M.-A., Dallacasa, D. & Muxlow, T.W.B.: A supernova factory in Mrk 273?, 2005, *MNRAS*, 361, 748
8. Britzen, S., Krichbaum, T.P., Strom, R.G., Witzel, A., Muxlow, T.W.B., Matveenko, L.I., Campbell, R.M., Alef, W., Hummel, C.A. & Zensus, A.: Large-scale motion, oscillations and a possible halo on the counter-jet side in 1803+784, 2005, *A&A*, 444, 443

9. Capitaine, N., Wallace, P.T. & Chapront, J.: Improvement of the IAU 2000
10. \* Chin, T.M., Gross, R.S., Dickey, J.O.: Multi-reference evaluation of uncertainty in earth orientation parameter measurements, 2005, *J Geodesy*, 79, 1, 24
11. \* Dow, J.M., Gurtner, W. & Schlueter, W.: The IGGOS viewed from the Space Geodetic Services, 2005, *J Geodynamics*, 40, 4-5, 375
12. \* Feissel-Vernier, M., Ma, C., Gontier, A.-M. & Barache, C.: Sidereal orientation of the Earth and stability of the VLBI celestial reference frame, 2005, *A&A*, 438, 1141
13. Frey, S., Paragi, Z., Mosoni, L. & Gurvits, L.I.: High-resolution radio imaging of the most distant radio quasar SDSS J0836+0054, 2005, *A&A*, 436L, 13 precession model, 2005, *A&A*, 432, 355
14. Gabuzda, D. & Golden, A.: A Radio Telescope for Ireland, 2005, *BaltA*, 14, 451
15. Giroletti, M.: Radio Observations of a Sample of BL Lac Objects, 2005, *BaltA*, 14, 385
16. Goddi, C., Moscadelli, L., Alef, W., Tarchi, A., Brand, J. & Pani, M.: Kinematics of H<sub>2</sub>O masers in high-mass star forming regions, 2005, *A&A*, 432, 161
17. Goddi, C., Moscadelli, L., Alef, W. & Brand, J.: Evt Observations of H<sub>2</sub> O Masers Towards the High-Mass Young Stellar Object in Aflg 5142, 2005, *Ap&SS*, 295, 77
18. Hardee, P.E., Walker, R.C. & Gomez, J.L.: Modeling the 3C 120 Radio Jet from 1 to 30 Milliarseconds, 2005, *ApJ*, 620, 646
19. \* Meisel, B., Angermann, D., Kruegel, M., Drewes, H., Gerstl, H., Kelm, R., Mueller, H., Seemueller, W., Tesmer, V.: Refined approaches for terrestrial reference frame computations, 2005, *Advances in Space Research*, 36, 3, 350
20. Moscadelli, L., Cesaroni, R. & Rioja, M.J.: Water masers in the massive protostar IRAS 20126+4104: ejection and deceleration, 2005, *A&A*, 438, 889
21. Mosoni, L., Frey, S., Gurvits, L.I., Garrett, M.A., Garrington, S.T. & Tsvetanov, Z.: Deep Extragalactic Vlbi-Optical Survey (devos): First Results, 2005, *BaltA*, 14, 343
22. \* Palmer, A., Smylie, D.E.: VLBI observations of free core nutations and viscosity at the top of the core, 2005, *Phys of the Earth and Planetary Interiors*, 148, 285
23. Perez-Torres, M.A., Alberdi, A., Marcaide, J.M., Guerrero, M.A., Lundqvist, P., Shapiro, I.I., Ros, E., Lara, L., Guirado, J.C., Weiler, K.W., Stockdale, C.J.: High-resolution observations of SN 2001gd in NGC 5033, 2005, *MNRAS*, 360, 1055 quasar J1101+7225, 2005, *A&A*, 438, 785
24. Phillips, C.J. & Langevelde, H.J.: The Methanol Maser Emission in W51, 2005, *Ap&SS*, 295, 225
25. Polatidis, A.G., Conway, J.E., Pihlström, Y.M. & Parra, R.: Continuum Evt and Merlin Observations of Ultra Luminous Infrared Galaxies, 2005, *Ap&SS*, 295, 297
26. Pott, J.-U., Eckart, A., Krips, M., Krichbaum, T.P., Britzen, S., Alef, W. & Zensus, J.A.: Relativistic jet motion in the core of the radio-loud

27. Pushkarev, A.B., Gabuzda, D.C., Vetukhnovskaya, Y.N. & Yakimov, V.E.: Spine-sheath polarization structures in four active galactic nuclei jets, 2005, MNRAS, 356, 859
28. Pushkarev, A.B., Gabuzda, D.C., Vetukhnovskaya, Y.N. & Yakimov, V.E.: Blazars with Spine-Sheath Structures, 2005, ARep, 49, 5
29. Pushkarev, A., Kovalev, Y.Y., Molotov, I., Tuccari, G., Hong, X., Quick, J., Dougherty, S., Shanks, R., Liu, X. & Kovalenko, A.: Bl Lac Objects and Quasars in Global s2 18 cm VLBI Experiment, 2005, BaltA, 14, 395
30. \* Ray, J., Altamimi, Z.: Evaluation of co-location ties relating the VLBI and GPS reference frames, 2005, 2005, J Geodesy, 79, 4, 189
31. \* Ray, J., Kouba, J., Altamimi, Z.: Is there utility in rigorous combinations of VLBI and GPS Earth orientation parameters?, 2005, J Geodesy, 79, 9, 505
32. \* Rummel, R., Rothacher, M. & Beutler, G.: Integrated Global Geodetic Observing System (IGGOS) - science rationale, 2005, J Geodynamics, 40, 4-5, 357
33. Torrelles, J.M., Patel, N., Gomez, J.F., Anglada, G. & Uscanga, L.: Vlb Water Maser Proper Motion Measurements in Star-Forming Regions, 2005, Ap&SS, 295, 53
34. \* Vicente, R.O., Wilson, C.R.: The need for a new definition of a conventional international origin, 2005, J Geodesy, 79, 4, 269
35. \* Vondrak, J., Weber, R. & Ron, C.: Free core nutation: direct observations and resonance effects, 2005, A&A, 444, 297
36. Walter, H.G. & Hering, R.: Precession from Hipparcos and FK5 proper motions compared with current values: Reasons for discrepancies, 2005, A&A, 431, 721
37. Xiang, L., Dallacasa, D., Cassaro, P., Jiang, D. & Reynolds, C.: EVN observations of eleven GHz-Peaked-Spectrum radio sources at 2.3/8.4 GHz, 2005, A&A, 434, 123
38. \* Yang, Z.-G., Berube, M. & Searle, A.: Relative deformation rates of collocated VLBI stations and comparisons with global solutions, 2005, ChA&A, 29, 303
39. \* Yang, Z.G., Berube, M. & Searle, A.: Relative deformation rates between collocated VLBI stations and results comparisons with global solutions, 2005, AcASn, 46, 70
40. \* Yunck, T.P. & Neilan, R.E.: Integration of space geodesy: A US National Geodetic Observatory, J Geodynamics, 40, 4-5, 436
41. \* Zhang, B., Li, J-L., Wang, G-L., Zhao, M.: Solution of the High-frequency Variations of ERP from VLBI Observations, 2005, Chinese Astron Astroph, 29, 309

2004

1. An, T., Hong, X.Y., Venturi, T., Jiang, D.R. & Wang, W.H.: Extreme superluminal motion in the curved Jet of PKS 1502+106, 2004, A&A, 421, 839
2. \* Arias, E.F. & Bouquillon, S.: Representation of the International Celestial Reference System (ICRS) by different sets of selected radio sources, 2004, A&A, 422, 1105

3. \* Babbucci, D., Tamburelli, C., Viti, M., Mantovani, E., Albarello, D., D'Onza, F., Cenni, N. & Mugnaioli, E.: Relative motion of the Adriatic with respect to the confining plates: seismological and geodetic constraints, 2004, *Geophysical Journal International*, 159, 2, 765
4. Beck, S.C., Garrington, S.T., Turner, J.L. & Van Dyk, S.D.: MERLIN and VLA Observations of VII Zw 19: Distant Cousin of M82, 2004, *AJ*, 128, 1552
5. Beswick, R.J., Peck, A.B., Taylor, G.B. & Giovannini, G.: High-resolution imaging of the radio continuum and neutral gas in the inner kiloparsec of the radio galaxy 3C 293, 2004, *MNRAS*, 352, 49
6. \* Beutler, G.: Earth Gravity Field from Space - From Sensors to Earth Sciences: Closing Remarks, 2004, *Space Sc Rev*, 110, 3, 359
7. \* Beutler, G.: The New IAG Structure, 2004, *J Geodesy*, 77, 10, 560
8. Bietenholz, M.F., Bartel, N. & Rupen, M.P.: The Location of the Core in M81, 2004, *ApJ*, 615, 173
9. \* Boehm, J. & Schuh, H.: Vienna mapping functions in VLBI analyses, 2004, *GeoRL*, 3101603
10. \* Brzezinski A., Ponte, R.M. & Ali, A.H.: Nontidal oceanic excitation of nutation and diurnal/semidiurnal polar motion revisited, 2004, *J Geophys Res*, 109, B11407
11. Caproni, A. & Abraham, Z.: Precession in the Inner Jet of 3C 345, 2004, *ApJ*, 602, 625
12. de Gregorio-Monsalvo, I., Gomez, Y., Anglada, G., Cesaroni, R., Miranda, L.F., Gomez, J.F. & Torrelles, J.M.: A Survey for Water Maser Emission toward Planetary Nebulae: New Detection in IRAS 17347-3139, 2004, *ApJ*, 601, 921
13. Di Martino, M., Montebugnoli, S., Cevolani, G., Ostro, S., Zaitsev, A., Righini, S., Saba, L., Poppi, S., Delbo, M., Orlati, A., Maccaferri, G., Bortolotti, C., Gavrik, A. & Gavrik, Y.: Results of the first Italian planetary radar experiment, 2004, *Planetary and Space Science*, 52, 4, 325
14. \* Gambis, D.: Monitoring Earth orientation using space-geodetic techniques: state-of-the-art and prospective, 2004, *J Geodesy*, 78, 4, 295
15. Giovannini, G.: Observational Properties of Jets in Active Galactic Nuclei, 2004, *Ap&SS*, 293, 1
16. Giroletti, M., Giovannini, G., Feretti, L., Cotton, W.D., Edwards, P.G., Lara, L., Marscher, A.P., Mattox, J.R., Piner, B.G. & Venturi, T.: Parsec-Scale Properties of Markarian 501, 2004, *ApJ*, 600, 127
17. Goddi, C., Moscadelli, L., Alef, W. & Brand, J.: EVN observations of H<sub>2</sub>O masers towards the high-mass young stellar object in AFGL 5142, 2004, *A&A*, 420, 929
18. Gurvits, L.I.: Surveys of compact extragalactic radio sources, 2004, *NewAR*, 48, 1211
19. Hagiwara, Y., Klockner, H.-R. & Baan, W.: VLBI imaging of OH absorption: the puzzle of the nuclear region of NGC3079, 2004, *MNRAS*, 353, 1055
20. \* Hatch, R.R.: Those scandalous clocks, 2004, *GPS Solutions*, 8, 2, 67

21. Hilton, J.L. & Hohenkerk, C.Y.: Rotation matrix from the mean dynamical equator and equinox at J2000.0 to the ICRS, 2004, *A&A*, 413, 765
22. \* Hoepfner, J.: Low-Frequency Variations, Chandler and Annual Wobbles of Polar Motion as Observed Over One Century, 2004, *Sur Geoph*, 25, 1, 1
23. Hong, X.Y., Jiang, D.R., Gurvits, L.I., Garrett, M.A., Garrington, S.T., Schilizzi, R.T., Nan, R.D., Hirabayashi, H., Wang, W.H. & Nicolson, G.D.A.: relativistic helical jet in the  $\gamma$ -ray AGN 1156+295, 2004, *A&A*, 417, 887
24. Horiuchi, S., Fomalont, E.B., Taylor, W.K., Scott, A.R., Lovell, J.E.J., Moellenbrock, G.A., Dodson, R., Murata, Y., Hirabayashi, H., Edwards, P.G., Gurvits, L.I. & Shen, Z.-Q.: The VSOP 5 GHz Active Galactic Nucleus Survey. IV. The Angular Size/Brightness Temperature Distribution, 2004, *ApJ*, 616, 110
25. \* Kenyeres, A. & Bruyninx, C.: EPN coordinate time series monitoring for reference frame maintenance, 2004, *GPS Solutions*, 8, 4, 200
26. Kliore, A.J., Anderson, J.D., Armstrong, J.W., Asmar, S.W., Hamilton, C.L., Rappaport, N.J., Wahlquist, H.D., Ambrosini, R., Flasar, F.M., French, F.M., Iess, L., Marouf, E.A. & Nagy, A.F.: Cassini Radio Science, 2004, *Space Sc Rev*, 115, 1, 1
27. Klockner, H.-R. & Baan, W.A., 2004: An embedded circumnuclear disk in Mrk 273, 2004, *A&A*, 419, 887
28. Lal, D.V., Shastri, P. & Gabuzda, D.C.: Milliarcsec-scale radio structure of a matched sample of Seyfert 1 and Seyfert 2 galaxies, 2004, *A&A*, 425, 99
29. Lara, L., Giovannini, G., Cotton, W.D., Feretti, L. & Venturi, T.: The inner kiloparsec of the jet in 3C 264, 2004, *A&A*, 415, 905
30. Lovell, J.E.J., Moellenbrock, G.A., Horiuchi, S., Fomalont, E.B., Scott, W.K., Hirabayashi, H., Dodson, R.G., Dougherty, S.M., Edwards, P.G., Frey, S., Gurvits, L.I., Lister, M.L., Murphy, D.W., Paragi, Z., Piner, B.G., Shen, Z.-Q., Taylor, A.R., Tingay, S.J., Asaki, Y., Moffett, D. & Murata, Y.: The VSOP 5 GHz Active Galactic Nucleus Survey. II. Data Calibration and Imaging 2004, *ApJS*, 155, 27
31. Massaro, E., Mantovani, F., Fanti, R., Maesano, M., Montagni, F., Nesci, R., Sclavi, S., Tosti, G. & Venturi, T.: VLBI imaging and optical variability of the BL Lac object OQ 530 (B1418+546), 2004, *A&A*, 423, 935
32. Middelberg, E., Roy, A.L., Nagar, N.M., Krichbaum, T.P., Norris, R.P., Wilson, A.S., Falcke, H., Colbert, E.J.M., Witzel, A. & Fricke, K.J.; Motion and properties of nuclear radio components in Seyfert galaxies seen with VLBI, 2004, *A&A*, 417, 925
33. Molotov, I.E., Volvach, A.E., Konovalenko, A.A., Falkovich, I.S., Litvinenko, L.N., Negoda, A.A., Fedorov, O.P., Lipatov, B.N., Gorshenko, Y.N., Agapov, V.M., Tuccari, G. & Liu, X.K.: International experiments on development of VLBI radar method for research of near-Earth bodies, 2004, *KosNT*, 10b, 87
34. \* Nocquet, J.-M. & Calais, E.: Geodetic Measurements of Crustal Deformation in the Western Mediterranean and Europe, 2004, *Pure App Geoph*, 161, 3, 661
35. \* Ogaja, C.: Multisource data analysis for geoscience applications, 2004, *Computers & Geosciences*, 30, 5, 493

36. \* Petrov L. & Boy, J.-P.: Study of the atmospheric pressure loading signal in very long baseline interferometry observations, 2004, *J Geophys Res*, 109, B03405
37. Pushkarev, A. B., Kovalev, Yu. Yu., Molotov, I. E., Nechaeva, M. B., Gorshenkov, Yu. N., Tuccari, G., Stanghellini, C., Hong, X., Quick, J., Dougherty, S. & Liu, X.: Quasi-Simultaneous VLBI and RATAN-600 Observations of Active Galactic Nuclei, 2004, *ARep*, 48, 900
- \* Richter, B., Zerbini, S., Matonti, F., Simon, D.: Long-term crustal deformation monitored by gravity and space techniques at Medicina, Italy and Wettzell, Germany, 2004, *J Geodynamics*, 38, 3-5, 281
38. \* Sarti, P., Sillard, P., Vittuari, L.: Surveying co-located space-geodetic instruments for ITRF computation, 2004, *J Geodesy*, 78, 3, 210
39. \* Sato, T., Tamura, Y., Matsumoto, K., Imanishi, Y. & McQueen, H.: Parameters of the fluid core resonance inferred from superconducting gravimeter data, 2004, *J Geodynamics*, 38, 3-5, 375
40. Scott, W.K., Fomalont, E.B., Horiuchi, S., Lovell, J.E.J., Moellenbrock, G.A., Dodson, R.G., Edwards, P.G., Coldwell, G.V., Fodor, S., Frey, S., Gurvits, L.I., Hirabayashi, H., Lister, M.L., Mosoni, L., Murata, Y., Paragi, Z., Piner, B.G., Shen, Z.-Q., Taylor, A.R. & Tingay, S.J.: The VSOP 5 GHz Active Galactic Nucleus Survey. III. Imaging Results for the First 102 Sources, 2004, *ApJS*, 155, 33
41. \* Shapiro, S.S., Davis, J.L., Lebach, D.E. & Gregory, J.S.: Measurement of the Solar Gravitational Deflection of Radio Waves using Geodetic Very-Long-Baseline Interferometry Data, 1979-1999, 2004, *PhRvL*, 9211, 101
42. \* Schuh, H. & Boehm, J.: Tropospheric parameters over two decades determined by VLBI as a contribution to climatological studies, 2004, *ArtSa*, 39, 121
43. \* Titov, O.A.: Construction of a Celestial Coordinate Reference Frame from VLBI Data, 2004, *ARep*, 48, 941
44. \* Vondrak, J. & Richter, B.: International Earth Rotation and Reference Systems Service (IERS) web: [www.iers.org](http://www.iers.org), 2004, *J Geodesy*, 77, 10, 585
45. \* Whitney A. R., et al.: Mark 4 VLBI correlator: Architecture and algorithms, 2004, *Radio Sci.*, 39, RS1007
46. Wucknitz, O., Biggs, A.D. & Browne, I.W.A.: Models for the lens and source of B0218+357: a LENSCLEAN approach to determine H<sub>0</sub>, 2004, *MNRAS*, 349, 14
47. \* Zhang, B., Li, J.L. & Wang, G.L.: On the modeling of the residual clock behavior in the analysis of the astrometric and geodetic VLBI observations, 2004, *AcASn*, 45, 320

2003

1. Bartel, N. & Bietenholz, M.F.: SN 1979C VLBI: 22 Years of Almost Free Expansion, 2003, *ApJ*, 591, 301
2. Benzong, D., Guangzhong, X. & Dongcheng, M.: Gamma-Ray and VLBI Radio Emission from Gamma-ray-loud Blazars, 2003, *Ap&SS*, 283, 287

3. Bietenholz, M.F., Bartel, N. & Rupen, M.P.: SN 1993J VLBI. III. The Evolution of the Radio Shell, 2003, *ApJ*, 597, 374
4. Biggs, A.D., Wucknitz, O., Porcas, R.W., Browne, I.W.A., Jackson, N.J., Mao, S. & Wilkinson, P.N.: Global 8.4-GHz VLBI observations of JVAS B0218+357, 2003, *MNRAS*, 338, 599
5. \* Blewitt G.: Self-consistency in reference frames, geocenter definition and surface loading of the solid Earth, 2003, *J Geophys Res*, 108 (B2), 2103
6. \* Caporali, A., Martin, S. & Massironi, M.: Average strain rate in the Italian crust inferred from a permanent GPS network - II. Strain rate versus seismicity and structural geology, 2003, *Geophysical Journal International*, 155, 1, 254
7. Daigne, G., Charlot, P., Ducourant, C., Lestrade, J.-F.: Potential of the VLTI for linking stellar frames to ICRF, 2003, *Ap&SS*, 286, 1, 255
8. \* Dehant V., Feissel-Vernier, M., de Viron, O., Ma, C., Yseboodt, M. & Bizouard, C.: Remaining error sources in the nutation at the submilliarc second level, 2003, *J Geophys Res*, 108 (B5), 2275
9. \* Finkelstein, A.M., Ipatov, A.V., Smolentsev, S.G., Grachev, V.G., Rakhimov, I.A. & Malkin, Z.M.: Highly Accurate Determination of the Coordinates and the Earth's Rotation Parameters Involving the Svetloe VLBI Observatory', 2003, *AstL*, 29, 667
10. \* Feissel-Vernier, M.: Selecting stable extragalactic compact radio sources from the permanent astrogodetic VLBI program, 2003, *A&A*, 403, 105
11. Frey, S., Mosoni, L., Paragi, Z. & Gurvits, L.: Radio structure of the most distant radio-detected quasar at the 10-mas, 2003, *MNRAS*, 343, L20
12. Fukushima, T.: A New Precession Formula, 2003, *AJ*, 126, 494
13. Gabuzda, D.C. & Cawthorne, T.V.: The parsec-scale radio jet of BL Lac, 2003, *MNRAS*, 338, 312
14. Giroletti, M., Giovannini, G., Taylor, G.B. & Conway, J.E.: Ages of CSOs: the case of 4C 31.04, 2003, *NewAR*, 47, 613
15. \* Grafarend, E.W. & Voosoghi, B.: Intrinsic deformation analysis of the Earth's surface based on displacement fields derived from space geodetic measurements. Case studies: present-day deformation patterns of Europe and of the Mediterranean area (ITRF data sets), 2003, *J Geodesy*, 77, 5, 303
16. Jiang, D.R. & Wang, T.G.: EVN observation of three Broad Absorption Line quasars, 2003, *A&A*, 397L, 13
17. Jiang, D.R. & Hong, X.: VLBI Observation of Radio Jets, 2003, *AcASn*, 44, 282
18. \* Jimenez-Munt, I. & Negrodo, A.M.: Neotectonic modelling of the western part of the Africa-Eurasia plate boundary: from the Mid-Atlantic ridge to Algeria, 2003, *Earth and Planetary Science Letters*, 205, 3-4, 257
19. \* Haas, R., Nothnagel, A., Campbell, J. & Gueguen, E.: Recent crustal movements observed with the European VLBI network: geodetic analysis and results, 2003, *J Geodynamics*, 35, 4-5, 391

20. \* Hagedoorn, J. M. & Wolf, D.: Pleistocene and recent deglaciation in Svalbard: implications for tide-gauge, GPS and VLBI measurements, 2003, *J Geodynamics*, 35, 4-5, 415
21. \* Hopfner, J.: Chandler and annual wobbles based on space-geodetic measurements, 2003, *J Geodynamics*, 36, 3, 369
22. Kharb, P., Gabuzda, D.C. & Shastri, P.: Magnetic Field Geometry in 'Red' and 'Blue' BL Lacs, 2003, *Ap&SS*, 288, 51
23. Kopeikin, S.M.: The post-Newtonian treatment of the VLBI experiment on September 8, 2002, 2003, *Physics Letters A*, 312, no. 3, 147
24. \* Kumpel, H.-J. & Fabian, M.: Tilt monitoring to assess the stability of geodetic reference points in permafrost environment, *Ph Chem Earth*, 28, 28-32, 1249
25. \* Lavecchia, G., Boncio, P. & Creati, N.: A lithospheric-scale seismogenic thrust in central Italy, 2003, *J Geodynamics*, 36, 1-2, 79
26. Mantovani, F., Bondi, M., Saikia, D.J., Junor, W., Salter, C.J. & Ricci, R.: Two-Sided Radio Jets in B1524-136, 2003, *PASA*, 20, 85
27. Mantovani, F., Fanti, R., Ferrari, C., Cotton, W. & Muxlow, T.W.: Radio asymmetry in 3C, 2003, *A&A*, 399, 449
28. \* Marchenko, A.N. & Schwintzer, P.: Estimation of the Earth's tensor of inertia from recent global gravity field solutions, 2003, *J Geodesy*, 76, 9, 495
29. Marecki, A., Niezgoda, J., Wodarczak, J., Kunert, M., Spencer, R.E. & Kus, A.J.: Weak CSS Sources from the FIRST Survey, 2003, *PASA*, 20, 42
30. Marecki, A., Barthel, P.D., Polatidis, A. & Owsianik, I.: 1245+676 - A CSO/GPS Source being an Extreme Case of a Double-Double Structure, 2003, *PASA*, 20, 16
31. \* McCarthy, D.D. & Luzum, B.J.: An Abridged Model of the Precession-Nutation of the Celestial Pole, 2003, *J Geodesy*, 85, 1, 37
32. \* Petrov L., & Ma, C.: Study of harmonic site position variations determined by very long baseline interferometry, 2003, *J Geophys Res*, 108 (B4), 2190
33. Reynolds, C., Cawthorne, T. & Gabuzda, D.: Kinematics of the parsec-scale jet in BL Lac, 2003, *NewAR*, 47, 641
34. \* Romagnoli, C., Zerbini, S., Lago, L., Richter, B., Simon, D., Domenichini, F., Elmi, C. & Ghirotti, M.: Influence of soil consolidation and thermal expansion effects on height and gravity variations, 2003, *J Geodynamics*, 35, 4-5, 521
35. Schafer, G.: Where do we stand in testing general relativity?, 2003, *Adv Space Research*, 32, 7, 1203
36. \* Sekido, M., Kondo, T., Kawai, E. & Imae, M.: Evaluation of GPS-based ionospheric TEC map by comparing with VLBI data, 2003, *Radio Sci.*, 38 (4), 1069
37. \* Shuang-gen, J. & Wen-yao, Z.: Compression of the North Hemisphere derived from space geodesy, 2003, *Acta Seismologica Sinica*, 16, 1, 99

38. Thomasson, P., Saikia, D.J. & Muxlow, T.W.B.: 3C459: a highly asymmetric radio galaxy with a starburst, 2003, MNRAS, 341, 91
39. \* Vondrak, J., Ron, C. & Weber, R.: mCombined VLBI/GPS series of precession-nutation and comparison with IAU2000 model, 2003, A&A, 397, 771
40. Wang, W.-H., Hong, X.-Y. & An, T.: The Two Mini-lobes of the CSO OQ208, VLBI Observations at 5 GHz and 8.4 GHz, 2003, ChJAA, 3, 505
41. \* Wenya, Z., Yang, F., Yan, L., Xianbing, W.: NNR constraint in ITRF2000 and the new global plate motion model NNR-ITRF2000VEL, 2003, Sc in China Series D: Earth Sciences, 46, 1
42. Will, C.M.: The Confrontation between General Relativity and Experiment, 2003, Astrophysics and Space Science, 283, 4, 543
43. \* Xiao, N. & Yifei, X.: Researches in China on the Effects of Tides on the Earth Rotation, 2003, Cel Mech Dyn Astr, 87, 1, 3