

Bibliography

1. Introduction

The following bibliography compiles papers that were published in the field of geodetic and astrometric VLBI during the year 2007. There is no distinction between peer-reviewed, reviewed or proceedings publications. This list is by no means exhaustive.

2. Geodetic and Astrometric VLBI Publications of 2007

- C. ABBONDANZA, L. VITTAUARI, P. SARTI, M. NEGUSINI: "An Analysis of Local Tie Vectors Temporal Evolution and Site Stability at Medicina Observatory through Terrestrial and GPS-based Observations". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 188–193, 2007.
- W. ALEF, A. BERTARINI, A. MÜSKENS: "The Bonn Mark IV Correlator for Astronomy and Geodesy". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 21–23, 2007.
- W. ALEF, D.A. GRAHAM, H. ROTTMANN, A.L. ROY, A. BERTARINI, A.T. DELLER, S.J. TINGAY: "Software Correlator at MPIfR: Status Report". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 24–26, 2007.
- Z. ALTAMIMI, X. COLLILIEUX, C. BOUCHER: "Preliminary Analysis in View of the ITRF2005". In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 685–691, 2007.
- P.H. ANDERSEN: "FFI Analysis Center". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 191–192, 2007.
- P.H. ANDERSEN: "FFI Technology Development Center – Software Development". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 246–247, 2007.
- D. ANGERMANN, H. DREWES, M. KRÜGEL, B. MEISEL: "Advances in Terrestrial Reference Frame Computations". In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 595–602, 2007.
- T. ARTZ, S. BÖCKMANN, A. NOTHNAGEL, V. TESMER: "ERP Time Series with Daily and Sub-daily Resolution Determined from CONT05". In: Proceedings of the 18th European VLBI

- for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 69–74, 2007.
- C.. BARACHE: “Paris Observatory (OPAR) Data Center”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 172–174, 2007.
- D. BEHREND: “Coordinating Center Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 13–14, 2007.
- A. BERTARINI, W. ALEF, B.E. COREY, A. NOTHNAGEL, R.C. WALKER: “Effect on Geodetic-VLBI Measurables due to Polarization Leakage in the Receivers”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 50–52, 2007.
- A. BERTARINI, A. MÜSKENS, W. ALEF: “The Bonn Astro/Geo Mark IV Correlator”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 135–138, 2007.
- M. BÉRUBÉ, A. SEARLE: “Algonquin Radio Observatory”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 33–35, 2007.
- M. BÉRUBÉ, A. SEARLE: “Yellowknife Observatory”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 120–122, 2007.
- G. BIANCO, G. COLUCCI, F. SCHIAVONE: “Matera CGS VLBI Station”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 63–66, 2007.
- D. BOBOLTZ, A. FEY, D. HALL, K. KINGHAM: “U.S. Naval Observatory VLBI Analysis Center”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 233–236, 2007.
- S. BÖCKMANN, T. ARTZ, R. KÖNIG, H. MÜLLER, A. NOTHNAGEL, N. PANAFIDINA, P. STEIGENBERGER, D. THALLER, V. TESMER: “Consistent VLBI, GPS and SLR Time Series of Station Positions and Troposphere Parameters”. Geotechnologien Science Report No. 11, Observations of the System Earth from Space, ISSN 1619-7399, 60–63, 2007.
- S. BÖCKMANN, T. ARTZ, A. NOTHNAGEL, V. TESMER: “Comparison and Combination of Consistent VLBI Solutions”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 82–87, 2007.
- J. BÖHM, H. SCHUH: “Forecasting Data of the Troposphere Used for IVS Intensive Sessions”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 153–157, 2007.

- J. BÖHM, H. SCHUH: "Troposphere Gradients from the ECMWF in VLBI Analysis". *Journal of Geodesy*, 81 (6–8), 403–408, 2007. DOI 10.1007/s00190-007-0144-2.
- S. BOLOTIN, Y. YATSKIV, S. LYTUVYN: "IVS Analysis Center at Main Astronomical Observatory of National Academy of Sciences of Ukraine". In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 214–215, 2007.
- G. BOURDA, P. CHARLOT, R. BIANCALE: "GINS: a New Tool for VLBI Geodesy and Astrometry". In: *Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting*, edited by J. Böhm, A. Pany, and H. Schuh, *Geowissenschaftliche Mitteilungen*, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 59–63, 2007.
- A. BRZEZIŃSKI: "A Simple Digital Filter for the Geophysical Excitation of Nutation". *Journal of Geodesy*, 81 (6–8), 543–551, 2007. DOI 10.1007/s00190-006-0130-0.
- R.M. CAMPBELL, A. SZOMORU: "Recent Developments at the EVN Mk IV Data Processor at JIVE". In: *Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting*, edited by J. Böhm, A. Pany, and H. Schuh, *Geowissenschaftliche Mitteilungen*, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 15–20, 2007.
- P. CHARLOT, A. BELLANGER, G. BOURDA, A. COLLIoud, A. BAUDRY: "Bordeaux Observatory Analysis Center Report". In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 181–184, 2007.
- F. COLOMER: "Observatorio Astronómico Nacional – Yebes". In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 118–119, 2007.
- L. COMBRINCK, M. NICKOLA: "Hartebeesthoek Radio Astronomy Observatory (HartRAO)". In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 44–47, 2007.
- J. DAWSON, P. SARTI, G.M. JOHNSTON, L. VITTUARI: "Indirect Approach to Invariant Point Determination for SLR and VLBI Systems: an Assessment". *Journal of Geodesy*, 81 (6–8), 433–441, 2007. DOI 10.1007/s00190-006-0125-x.
- S. DI MARTINO, S. LA DELFA, G. PATANÉ, M. NEGUSINI: "Studying the Geodynamics of the Etna Area by Means of VLBI and GPS". In: *Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting*, edited by J. Böhm, A. Pany, and H. Schuh, *Geowissenschaftliche Mitteilungen*, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 147–152, 2007.
- H. DIGRE: "Ny-Ålesund 20 Metre Antenna". In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 75–77, 2007.
- K. DOI, K. SHIBUYA: "JARE Syowa Station 11-m Antenna, Antarctica". In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 95–98, 2007.
- A. DYAKOV, S. SMOLENTSEV: "Zelenchukskaya Radio Astronomical Observatory". In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend

- and K. Baver, NASA/TP-2007-214151, 123–124, 2007.
- B. ENGEN: “INTENSIVE – A Strategic Approach to Improve Technology and Scientific Results”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 186–187, 2007.
- S. ENGLICH: “Determination of Earth Rotation Variations by Means of VLBI and GPS and Comparison to Conventional Models”. Österreichische Zeitschrift für Vermessung und Geoinformation (VGI), 95 (2), 104–112, 2007.
- L.V. FEDOTOV: “VLBI Terminal in Badary Observatory”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 222–224, 2007.
- L. FEDOTOV, D. IVANOV, A. IPATOV, I. IPATOVA, A. LAVROV, M. KOSOBOKOV, A. MIKHAILOV: “Institute of Applied Astronomy Technology Development Center”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 255–258, 2007.
- M. FEISSEL-VERNIER, O. DE VIRON, K. LE BAIL: “Stability of VLBI, SLR, DORIS, and GPS Positioning”. Earth Planets Space, 59 (6), 475–497, 2007.
- A. FEY: “The Status and Future of the International Celestial Reference Frame”. In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 603–609, 2007.
- A. FEY, D. BOBOLTZ, R. OJHA, R. GAUME, K. KINGHAM: “USNO Analysis Center for Source Structure Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 237–239, 2007.
- S. FREY, I. PLATAIS, A.L. FEY: “Linking Deep Astrometric Standards to the ICRF”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 111–115, 2007.
- J.M. GIPSON: “Incorporating Correlated Station Dependent Noise Improves VLBI Estimates”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 129–134, 2007.
- A.-M. GONTIER, S. LAMBERT, C. BARACHE: “Paris Observatory Analysis Center OPAR: Report on Activities, January–December 2006”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 220–223, 2007.
- D. GORDON, C. MA, D. MACMILLAN, L. PETROV, J. GIPSON, K. BAVER: “GSFC VLBI Analysis Center”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 197–200, 2007.

- R. HAAS, G. ELGERED: "The IVS Network Station Onsala Space Observatory". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 81–84, 2007.
- R. HAAS, M. HAGSTRÖM, T. NILSSON, G. ELGERED: "The IVS Technology Development Center at the Onsala Space Observatory". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 263–265, 2007.
- R. HAAS, H.-G. SCHERNECK, T. NILSSON: "The IVS Analysis Center at the Onsala Space Observatory". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 224–227, 2007.
- R. HAAS, J. WAGNER, A. MUJUNEN, J. RITAKARI, A. MÜSKENS, C. DULFER, A. BERTARINI: "e-VLBI Data Transfer from Onsala and Metsähovi to the Bonn Correlator". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 27–32, 2007.
- H. HASE, R. DASSING, G. KRONSCHNABL, W. SCHLÜTER, W. SCHWARZ: "Twin-Telescope Wettzell (TTW)". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 158–162, 2007.
- R. HEINKELMANN, J. BÖHM, H. SCHUH: "Effects of Geodetic Datum Definition on the Celestial and Terrestrial Reference Frames Determined by VLBI". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 200–205, 2007.
- R. HEINKELMANN, J. BÖHM, H. SCHUH, S. BOLOTIN, G. ENGELHARDT, D.S. MACMILLAN, M. NEGUSINI, E. SKURIKHINA, V. TESMER, O. TITOV: "Combination of Long Time-series of Troposphere Zenith Delays Observed by VLBI". *Journal of Geodesy*, 81 (6–8), 483–501, 2007. DOI 10.1007/s00190-007-0147-z.
- R. HEINKELMANN, J. BÖHM, H. SCHUH, M. SCHMIDT: "Long-term Trends of Water Vapour from VLBI Observations". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 88–92, 2007.
- R. HEINKELMANN, M. SCHMIDT, J. BÖHM, H. SCHUH: "Determination of Water Vapour Trends from VLBI". *Österreichische Zeitschrift für Vermessung und Geoinformation (VGI)*, 95 (2), 73–79, 2007.
- R. HERING, H.G. WALTER: "On the Hipparcos Link to the ICRF Derived from VLA and MERLIN Radio Astrometry". *Journal of Geodesy*, 81 (6–8), 479–482, 2007. DOI 10.1007/s00190-006-0109-x.
- E. HIMWICH: "Network Coordinator Report". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151,

- 18–25, 2007.
- E. HIMWICH, J. GIPSON: “GSFC Technology Development Center Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 248–250, 2007.
- T. HOBIGER, R. ICHIKAWA, Y. KOYAMA, T. KONDO: “Kashima Ray-Tracing Service (KARATS)—Fast Ray-tracing through Numerical Weather Models for Real-time Positioning Applications in East Asia”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 181–185, 2007.
- T. HOBIGER, R. ICHIKAWA, Y. KOYAMA, T. KONDO: “Kashima Ray-Tracing Service (KARATS)—Fast Ray-tracing through Numerical Weather Models for Real-time Positioning Applications”. IVS NICT Technology Development Center News, No. 28, 16–19, August 2007.
- T. HOBIGER, T. KONDO, Y. KOYAMA, R. ICHIKAWA, R. WEBER: “Effect of the Earth’s Oblateness on the Estimation of Global Vertical Total Electron Content Maps”. *Geophys. Res. Lett.*, 34, L11113, 2007. DOI 10.1029/2007GL029792.
- T. HOBIGER, T. KONDO, Y. KOYAMA, K. TAKASHIMA, H. SCHUH: “Using VLBI Fringe-phase Information from Geodetic Experiments for Short-period Ionospheric Studies”. *Journal of Geodesy*, 81 (6–8), 389–401, 2007. DOI 10.1007/s00190-007-0142-4.
- T. HOBIGER, Y. KOYAMA, T. KONDO: “MK3TOOLS & NetCDF—Storing VLBI Data in a Machine Independent Array Oriented Data Format”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 194–195, 2007.
- X. HONG, Q. FAN, T. AN: “Sheshan VLBI Station Report for 2006”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 85–87, 2007.
- R. ICHIKAWA, T. HOBIGER, Y. KOYAMA, T. KONDO: “An Evaluation of Geodetic Position Error Simulated Using the Fast Ray Tracing Algorithms through the JMA Mesoscale Numerical Weather Data”. IVS NICT Technology Development Center News, No. 28, 20–21, August 2007.
- R. ICHIKAWA, M. SEKIDO, T. HOBIGER, T. KONDO, Y. KOYAMA: “Analysis Center at National Institute of Information and Communications Technology”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 216–219, 2007.
- A. ISHII, R. ICHIKAWA, H. TAKIGUCHI, H. KUBOKI, M. KIMURA, J. NAKAJIMA, Y. KOYAMA, J. FUJISAKU, K. TAKASHIMA: “Development of a Compact VLBI System for a Length Examination of a Reference Baseline”. IVS NICT Technology Development Center News, No. 28, 2–5, August 2007.
- P. KAUFMANN, A.M. PEREIRA DE LUCENA, A. SOMBRA DA SILVA, C. TATEYAMA: “Fortaleza Station Report for 2006”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 36–39, 2007.
- E. KAWAI, H. KUBOKI: “Kashima 34-m Radio Telescope”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-

- 2007-214151, 51–54, 2007.
- R. KILGER, W. SCHLÜTER: “Fundamentalstation Wettzell – 20m Radiotelescope”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 114–117, 2007.
- K. KIM: “Kokee Park Geophysical Observatory”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 59–62, 2007.
- M. KIMURA: “Development of the Software Correlator for the VERA System II”. IVS NICT Technology Development Center News, No. 28, 22–25, August 2007.
- K. KINGHAM, M.S. CARTER: “NEOS Operation Center”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 132, 2007.
- K. KINGHAM, B. LUZUM, D. HALL: “Washington Correlator”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 155–158, 2007.
- H. KIUCHI, S. OKUMURA, J. AMAGAI, S. IGUCHI, T. KONDO: “Directly Controlled Reference Frequency Wavefront Clock Method Applied to 100-GHz Radio Interferometry and Fringe Simulator”. *Radio Sci.*, 42, RS3012, 2007. DOI 10.1029/2006RS003506.
- K. KOKADO, J. FUJISAKU, K. TAKASHIMA: “Tsukuba 32-m VLBI Station”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 103–106, 2007.
- T. KONDO, Y. KOYAMA, R. ICHIKAWA, M. SEKIDO: “Technology Development Center at NICT”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 259–262, 2007.
- T. KONDO, H. OHKUBO, R. ICHIKAWA, Y. KOYAMA: “Current Status of K5/VSSP32 Sampler”. IVS NICT Technology Development Center News, No. 28, 30–33, August 2007.
- Y. KOYAMA: “Kashima and Koganei 11-m VLBI Stations”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 55–58, 2007.
- Y. KOYAMA: “Data Center at NICT”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 168–171, 2007.
- Y. KOYAMA, R. ICHIKAWA, M. KANZAKI, T. TANNO, H. NISHIMURA, X. MIN: “Development of the Evaluation System for the Verified Position Service”. IVS NICT Technology Development Center News, No. 28, 6–9, August 2007.
- M. KRÜGEL, D. THALLER, V. TESMER, M. ROTHACHER, D. ANGERMANN, R. SCHMID: “Tropospheric Parameters: Combination Studies Based on Homogeneous VLBI and GPS Data”. *Journal of Geodesy*, 81 (6–8), 515–527, 2007. DOI 10.1007/s00190-006-0127-8.
- M. KUDRYASHOVA, D. MACMILLAN, O. TITOV: “A Comparison of Intraday Variations of the Earth Orientation Parameters from Different VLBI Solutions”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung

- Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 196–199, 2007.
- M. KUDRYASHOVA, V. VITYAZEV: “Analysis Center of Saint-Petersburg University”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 177–178, 2007.
- S. KURDUBOV: “QUASAR Software in IAA EOP Service: Global Solution and Daily SINEX”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 79–81, 2007.
- Y. KWAK, Y. CHO, J. PARK: “Status of Geodetic Application Research in KASI”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 1–3, 2007.
- S.B. LAMBERT, V. DEHANT: “The Earth’s core parameters as seen by the VLBI”. *Astron. Astrophys.*, 469, 777–781, 2007. DOI: 10.1051/0004-6361:20077392.
- S.B. LAMBERT, V. DEHANT, A.-M. GONTIER: “Some Issues about the Earths Core and Inner Core through VLBI”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 206–208, 2007.
- R. LANOTTE, G. BIANCO, C. LUCERI: “Matera CGS VLBI Analysis Center”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 185–186, 2007.
- K. LE BAIL, M. FEISSEL–VERNIER, J.-J. VALETTE, W. ZERHOUNI: “Long Term Consistency of Multi-technique Terrestrial Reference Frames, a Spectral Approach”. In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 692–699, 2007.
- J. LI: “SHAO Analysis Center 2006 Annual Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 231–232, 2007.
- M. MACHIDA, K. TAKASHIMA, H. SHIGEMATSU, E. IWATA: “Tsukuba VLBI Correlator”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 151–154, 2007.
- D.S. MACMILLAN: “VLBI2010 Simulations Using SOLVE”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 163–167, 2007.
- D.S. MACMILLAN, C. MA: “Radio Source Instability in VLBI Analysis”. *Journal of Geodesy*, 81 (6–8), 443–453, 2007. DOI 10.1007/s00190-007-0136-2.
- Z. MALKIN: “On Dependence of EOP Precision and Accuracy on VLBI Network”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm,

- A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 75–78, 2007.
- Z. MALKIN: “Empiric Models of the Earth’s Free Core Nutation”. *Solar System Research*, 41 (6), 492–497, 2007.
- Z. MALKIN: “On Accuracy Assessment of Celestial Reference Frame Realizations”. *J. Geod.*, 2007. DOI: 10.1007/s00190-007-0181-x
- Z. MALKIN, N. MILLER: “An Analysis of Celestial Pole Offset Observations in the Free Core Nutation Frequency Band”. In: *Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting*, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 93–97, 2007.
- Z. MALKIN, J. SOKOLOVA, A. BAJKOVA: “PUL IVS Analysis Center Report 2006”. In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 228–230, 2007.
- Z. MALKIN, D. TERENTEV: “Parameters of the Free Core Nutation from VLBI Data”. arXiv:physics/0702152, 2007.
- S. MANABE, T. JIKE, Y. TAMURA, VERA GROUP: “VERA Geodetic Activities”. In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 69–72, 2007.
- I. MARTÍ-VIDAL, J.M. MARCAIDE, J.C. GUIRADO: “On the Role of Differenced Phase-delays in High-precision Wide-field Multi-source Astrometry”. In: *Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting*, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 116–121, 2007.
- P.J. MENDES CERVEIRA, J. BÖHM, E. TANIR, J. WRESNIK, H. SCHUH: “Datum Deficiency in VLBI Analysis: Case Study of Session 021020XA”. In: *Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting*, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 209–215, 2007.
- P.J. MENDES CERVEIRA, R. WEBER, H. SCHUH: “The Instantaneous Earth Rotation – Still Inaccessible?”. *Österreichische Zeitschrift für Vermessung und Geoinformation (VGI)*, 95 (2), 113–120, 2007.
- A. MIKHAILOV, A. LAVROV: “IAA RAS Radio Telescope Monitoring System”. In: *Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting*, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 10–14, 2007.
- S. MONTAGUTI, L. VITTAUARI, P. SARTI, M. NEGUSINI: “Medicina and Noto VLBI Radiotelescopes: Gravitational Deformations Evaluated with Terrestrial Laser Scanning”. In: *Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting*, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN

- 1811-8380, 4–9, 2007.
- M. MOYA ESPINOSA, R. HAAS: “SATTRACK—A Satellite Tracking Module for the VLBI Field System”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 53–58, 2007.
- T. NAGAYAMA, T. OMODAKA, T. HANNA, H.B.H. IAHAK, T. SAWADA, T. MIYAJI, Y. KOYAMA: “A Complete Survey of the Central Molecular Zone in NH₃”. Publ. Astron. Soc. Jpn., 59, 869–887, 2007.
- J. NASTULA, B. KOLACZEK, R. WEBER, H. SCHUH, J. BÖHM: “Spectra of Rapid Oscillations of Earth Rotation Parameters Determined during the CONT02 Campaign”. In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 208–214, 2007.
- M. NEGUSINI, P. SARTI, S. MONTAGUTI: “Italy INAF Data Center Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 166–167, 2007.
- M. NEGUSINI, P. SARTI, S. MONTAGUTI, C. ABBONDANZA: “Italy INAF Analysis Center Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 212–213, 2007.
- A. NIELL: “MIT Haystack Observatory Analysis Center”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 201–203, 2007.
- A. NIELL, A. WHITNEY, W. PETRACHENKO, W. SCHLÜTER, N. VANDENBERG, H. HASE, Y. KOYAMA, C. MA, H. SCHUH, G. TUCCARI: “VLBI2010: A Vision for Future Geodetic VLBI”. In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 757–759, 2007.
- T. NILSSON, R. HAAS, G. ELGERED: “Simulations of Atmospheric Path Delays Using Turbulence Models”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 175–180, 2007.
- C. NOLL “CDDIS Data Center Summary for the 2006 IVS Annual Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 163–165, 2007.
- A. NOTHNAGEL, S. BÖCKMANN, M. VENNEBUSCH: “Analysis Coordinator Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 15–17, 2007.
- A. NOTHNAGEL, J.-H. CHO, A. ROY, R. HAAS: “WVR Calibration Applied to European VLBI Observing Sessions”. In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 152–157, 2007.

- A. NOTHNAGEL, A. MÜSKENS: "The Bonn Geodetic VLBI Operation Center". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 127–128, 2007.
- R. OJHA, A.L. FEY, P. CHARLOT, K.J. JOHNSTON, D.L. JAUNCEY, J.E. REYNOLDS, A.K. TZIOUMIS, J.E.J. LOVELL, J.F.H. QUICK, G.D. NICOLSON, S.P. ELLINGSEN, P.M. MCCULLOCH, Y. KOYAMA: "Improvement and Extension of the International Celestial Reference Frame in the Southern Hemisphere". In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 616–623, 2007.
- R. OJHA, A.L. FEY, D.L. JAUNCEY, J.E.J. LOVELL, K.J. JOHNSTON: "Is Scintillation the Key to a Better Celestial Reference Frame?". In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 610–615, 2007.
- A. ORFEI, A. ORLATI, G. MACCAFERRI, F. MANTOVANI: "The Medicina Station Status Report". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 67–68, 2007.
- A. PANY, J. WRESNIK, J. BÖHM, H. SCHUH: "Optimum Modeling of Troposphere and Clock Parameters in VLBI". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 135–140, 2007.
- M. PEARLMAN, Z. ALTAMIMI, N. BECK, R. FORSBERG, W. GURTNER, S. KENYON, D. BEHREND, F.G. LEMOINE, C. MA, C.E. NOLL, E.C. PAVLIS, Z. MALKIN, A.W. MOORE, F.H. WEBB, R.E. NEILAN, J.C. RIES, M. ROTHACHER, P. WILLIS: "GGOS Working Group on Ground Networks and Communications". In: Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 719–726, 2007.
- B. PETRACHENKO, M. BÉRUBÉ, A. SEARLE: "Canadian VLBI Technology Development Center". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 243–245, 2007.
- L. PETROV: "Using Source Maps for Scheduling and Data Analysis: Approaches and Strategies". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 141–146, 2007.
- M. POIRIER: "Westford Antenna". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 110–113, 2007.
- J. REDMOND, M. EVANGELISTA: "Goddard Geophysical and Astronomical Observatory". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 40–43, 2007.
- B. REID, J. DICKEY: "Hobart, Mt. Pleasant, Station Report for 2006". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver,

- NASA/TP-2007-214151, 48–50, 2007.
- W. SCHLÜTER, D. BEHREND: “The International VLBI Service for Geodesy and Astrometry (IVS): Current Capabilities and Future Prospects”. *Journal of Geodesy*, 81 (6–8), 379–387, 2007. DOI 10.1007/s00190-006-0131-z.
- W. SCHLÜTER, D. BEHREND, E. HIMWICH, A. NOTHNAGEL, A. NIELL, A. WHITNEY: “IVS High Accurate Products for the Maintenance of the Global Reference Frames as Contribution to GGOS”. In: *Dynamic Planet – Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools*, edited by P. Tregoning and C. Rizos, IAG Symposia 130, ISBN: 978-3-540-49349-5, 735–740, 2007.
- W. SCHLÜTER, C. PLÖTZ, R. WOJDZIAK, A. REINHOLD: “German Antarctic Receiving Station (GARS) O’Higgins”. In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 78–80, 2007.
- H. SCHUH, J. BÖHM, R. HEINKELMANN, T. HOBIGER, P.J. MENDES CERVEIRA, A. PANY, E. TANIR, K. TEKE, S. TODOROVA, J. WRESNIK: “Vienna IGG Special Analysis Center Annual Report 2006”. In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 208–211, 2007.
- H. SCHUH, R. HEINKELMANN, J. SOKOLOVA, V. TESMER: “Interaction of Celestial and Terrestrial Reference Frames”. Final Report of Sub-Commission 1.4, IAG Commission 1 – Reference Frames, Bulletin No. 20, Report 2003–2007, H. Drewes and H. Hornik (eds.), 46–51, 2007.
- M. SEKIDO, M. KIMURA, Y. KOYAMA, T. KONDO, H. TAKIGUCHI, H. HARAI, T. IKEDA, X. SUGANG, M. HIRABARU, C. RUSZCZYK, A. WHITNEY: “e-VLBI Demonstration in the JGN2 Symposium”. IVS NICT Technology Development Center News, No. 28, 26–29, August 2007.
- M. SEKIDO, T. KONDO, Y. KOYAMA, M. KIMURA: “VLBI Correlators in Kashima”. In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 147–150, 2007.
- E. SKURIKHINA, S. KURDUBOV, V. GUBANOV: “IAA VLBI Analysis Center Report 2006”. In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 204–207, 2007.
- S. SMOLENTSEV, I. RAHIMOV: “Svetloe Radio Astronomical Observatory”. In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 92–94, 2007.
- S. SOBARZO, C. JARA, E. OÑATE, C. HERRERA, C. VERDUGO, H. HASE, A. BÖER, B. SIERK: “Geodetic Observatory TIGO in Concepción”. In: *International VLBI Service for Geodesy and Astrometry 2006 Annual Report*, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 99–102, 2007.
- J.R. SOKOLOVA, Z.M. MALKIN: “On Comparison and Combination of Radio Source Catalogues”. In: *Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting*, edited by J. Böhm, A. Pany, and H. Schuh, *Geowissenschaftliche Mitteilungen*, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 98–102, 2007.
- J.R. SOKOLOVA, Z.M. MALKIN: “On Comparison and Combination of Catalogues of Radio Source Positions”. *Astron. Astrophys.*, 474 (2), 665–670, 2007. DOI: 10.1051/0004-6361:20077450

- P. STEIGENBERGER, V. TESMER, M. KRÜGEL, D. THALLER, R. SCHMID, S. VEY, M. ROTHACHER: "Comparisons of Homogeneously Reprocessed GPS and VLBI Long Time-series of Troposphere Zenith Delays and Gradients". *Journal of Geodesy*, 81 (6–8), 503–514, 2007. DOI 10.1007/s00190-006-0124-y.
- I. SURKIS, A. BOGDANOV, A. MELNIKOV, V. SHANTYR, V. ZIMOVSKY: "IAA Correlator Center". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 143–146, 2007.
- H. TAKIGUCHI, T. HOBIGER, A. ISHII, R. ICHIKAWA, Y. KOYAMA: "Comparison with GPS Time Transfer and VLBI Time Transfer". *IVS NICT Technology Development Center News*, No. 28, 10–15, August 2007.
- E. TANIR, J. BÖHM, H. SCHUH, V. TORNATORE, K. FELSENSTEIN: "VLBI Intra-technique Combination for Kalman Filter and Least-Squares Solutions". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, *Geowissenschaftliche Mitteilungen*, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 216–221, 2007.
- K. TEKE, J. WRESNIK, J. BÖHM, H. SCHUH: "Comparison and Cut off Angle Tests for Observed and Simulated CONT05 Sessions". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, *Geowissenschaftliche Mitteilungen*, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 122–128, 2007.
- V. TESMER: "Effect of Various Analysis Options on VLBI-determined CRF". In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, *Geowissenschaftliche Mitteilungen*, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 103–110, 2007.
- V. TESMER, J. BÖHM, R. HEINKELMANN, H. SCHUH: "Effect of Different Tropospheric Mapping Functions on the TRF, CRF and Position Time-series Estimated from VLBI". *Journal of Geodesy*, 81 (6–8), 409–421, 2007. DOI 10.1007/s00190-006-0126-9.
- V. TESMER, H. DREWES, M. KRÜGEL: "DGFI Analysis Center Annual Report 2006". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 187–190, 2007.
- D. THALLER, M. KRÜGEL, M. ROTHACHER, V. TESMER, R. SCHMID, D. ANGERMANN: "Combined Earth Orientation Parameters Based on Homogeneous and Continuous VLBI and GPS Data". *Journal of Geodesy*, 81 (6–8), 529–541, 2007. DOI 10.1007/s00190-006-0115-z.
- C. THOMAS, D. MACMILLAN: "CORE Operation Center Report". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 129–131, 2007.
- V. THORANDT, A. NOTHNAGEL, G. ENGELHARDT, M. VENNEBUSCH, T. ARTZ, S. BÖCKMANN, D. ULLRICH: "The BKG/GIUB VLBI Analysis Center". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 193–196, 2007.
- V. THORANDT, R. WOJDZIAK: "BKG Data Center". In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-

- 214151, 161–162, 2007.
- O. TITOV: “Baseline Length Repeatability”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 64–68, 2007.
- O. TITOV: “Effect of the Selection of Reference Radio Sources on Geodetic Estimates from VLBI Observations”. *Journal of Geodesy*, 81 (6–8), 455–468, 2007. DOI 10.1007/s00190-007-0145-1.
- O. TITOV: “Geoscience Australia Analysis Center”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 179–180, 2007.
- M. TITUS, R. CAPPALLO, B. COREY, A. NIELL, A. WHITNEY: “Haystack Observatory VLBI Correlator”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 139–142, 2007.
- V. TORNATORE, P. CHARLOT: “The Impact of Radio Source Structure on European Geodetic VLBI Measurements”. *Journal of Geodesy*, 81 (6–8), 469–478, 2007. DOI 10.1007/s00190-007-0146-0.
- G. TUCCARI: “Noto Station Status Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 73–74, 2007.
- G. TUCCARI, S. BUTTACCIO, G. NICOTRA, W. ALEF, R. KELLER, M. NALBACH, M. WUNDERLICH: “DBBC—A Flexible Environment for VLBI and Space Research: Digital Receiver and Back-end Systems”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 45–49, 2007.
- M. VENNEBUSCH, S. BÖCKMANN, A. NOTHNAGEL: “The Contribution of Very Long Baseline Interferometry to ITRF2005”. *Journal of Geodesy*, 81 (6–8), 553–564, 2007. DOI 10.1007/s00190-006-0117-x.
- A.E. VOLVACH, I.D. STREPKA, P.S. NIKITIN, L.N. VOLVACH, N.N. GORKAVYI, L.S. LEVITSKYI: “Simeiz 22-m VLBI Station”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 88–91, 2007.
- A. WHITNEY: “The Mark 5 VLBI Data System”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 33–38, 2007.
- A. WHITNEY: “Wide-Bandwidth Digital Backend System for VLBI”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 39–44, 2007.
- A. WHITNEY: “IVS Technology Coordinator Report”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Baver, NASA/TP-2007-214151, 26–29, 2007.

- A. WHITNEY: “Haystack Observatory Technology Development Center”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Bauer, NASA/TP-2007-214151, 251–254, 2007.
- J. WRESNIK, J. BÖHM, H. SCHUH: “Monte Carlo Simulations for VLBI2010”. In: Proceedings of the 18th European VLBI for Geodesy and Astrometry Working Meeting, edited by J. Böhm, A. Pany, and H. Schuh, Geowissenschaftliche Mitteilungen, Heft Nr. 79, Schriftenreihe der Studienrichtung Vermessung und Geoinformation, Technische Universität Wien, ISSN 1811-8380, 168–174, 2007.
- J. WRESNIK, R. HAAS, J. BÖHM, H. SCHUH: “Modeling Thermal Deformation of VLBI Antennas with a New Temperature Model”. *Journal of Geodesy*, 81 (6–8), 423–431, 2007. DOI 10.1007/s00190-006-0120-2.
- A. YUSUP, N. WANG: “Nanshan VLBI Station Report for 2006”. In: International VLBI Service for Geodesy and Astrometry 2006 Annual Report, edited by D. Behrend and K. Bauer, NASA/TP-2007-214151, 107–109, 2007.