

2005

- O. B. Andersen, S. I. Seneviratne, J. Hinderer, and P. Viterbo. GRACE-derived terrestrial water storage depletion associated with the 2003 European heat wave. *GEOPHYSICAL RESEARCH LETTERS*, 32(18), SEP 2005. ISSN 0094-8276. doi: {10.1029/2005GL023574}.
- P. Baldi, E. G. Campari, G. Casula, S. Focardi, G. Levi, and F. Palmonari. Gravitational constant G measured with a superconducting gravimeter. *PHYSICAL REVIEW D*, 71(2), JAN 2005. ISSN 2470-0010. doi: {10.1103/PhysRevD.71.022002}.
- D. Crossley, J. Hinderer, and J.-P. Boy. Time variation of the European gravity field from superconducting gravimeter. *GEOPHYSICAL JOURNAL INTERNATIONAL*, 161(2):257–264, MAY 2005. ISSN 0956-540X. doi: {10.1111/j.1365-246X.2005.02586.x}.
- N. F. d’Oreye and W. Zürn. Very high resolution long-baseline water-tube tiltmeter to record small signals from earth free oscillations up to secular tilts. *Review of Scientific Instruments*, 76(2):024501, 2005. doi: 10.1063/1.1844451.
- N. F. d’Oreye and W. Zürn. Quarter-diurnal tides observed with a long-base water-tube tiltmeter in the grand duchy of luxembourg. *Journal of Geodynamics*, 41(1–3):175–182, 2006. ISSN 0264-3707. doi: <https://doi.org/10.1016/j.jog.2005.08.028>. URL <http://www.sciencedirect.com/science/article/pii/S0264370705001274>. Earth Tides and Geodynamics: Probing the Earth at Sub-Seismic Frequencies.
- Y. Fukuda, T. Higashi, S. Takemoto, S. Iwano, K. Doi, K. Shibuya, Y. Hiraoka, I. Kimura, H. McQueen, and R. Govind. Absolute gravity measurements in Australia and Syowa Station, Antarctica. In Jekeli, C. and Bastos, L. and Fernandes, J., editor, *Gravity, Geoid and Space Missions*, volume 129 of *INTERNATIONAL ASSOCIATION OF GEODESY SYMPOSIA*, pages 280–285. Int Assoc Geodesy; IUGG; NASA; ESA; GRICES; FCT; Univ Porto, 2005. ISBN 3-540-26930-4. IAG International Symposium on Gravity, Geoid and Space Missions (GGSM 2004), Oporto, PORTUGAL, AUG 30-SEP 03, 2004.
- P. Grinfeld and J. Wisdom. Motion of the mantle in the translational modes of the Earth and Mercury. *PHYSICS OF THE EARTH AND PLANETARY INTERIORS*, 151(1-2):77–87, JUL 2005. ISSN 0031-9201. doi: {10.1016/j.pepi.2005.01.003}.
- J. Y. Guo, H. Greiner-Mai, and L. Ballani. A spectral search for the inner core wobble in Earth’s polar motion. *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH*, 110(B10), OCT 2005. ISSN 2169-9313. doi: {10.1029/2004JB003377}.
- X. G. Hu, L. T. Liu, J. Hinderer, and H.-P. Sun. Wavelet filter analysis of local atmospheric pressure effects on gravity variations. *JOURNAL OF GEODESY*, 79(8):447–459, NOV 2005. ISSN 0949-7714. doi: {10.1007/s00190-005-0486-6}.
- J. Ihde, T. Baker, C. Bruyninx, O. Francis, M. Amalvict, A. Kenyeres, J. Makinen, S. Shipman, J. Simek, and H. Wilmes. Development of a European Combined Geodetic Network (ECGN). *JOURNAL OF GEODYNAMICS*, 40(4-5):450–460, NOV-DEC 2005. ISSN 0264-3707. doi: {10.1016/j.jog.2005.06.008}. 23rd General Assembly of the International-Union-of-Geodesy-and-Geophysics, Sapporo, JAPAN, JUL, 2003.
- H. Ikeda, K. Doi, Y. Fukuda, K. Shibuya, and R. Yoshizaki. Installation of superconducting gravimeter in the Antarctica. *PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS*, 426(1):759–763, OCT 2005. ISSN 0921-4534. doi: {10.1016/j.physc.2005.02.078}. 17th International Symposium on Superconductivity, Niigata, JAPAN, NOV 23-25, 2004.

- Y. Imanishi. On the possible cause of long period instrumental noise (parasitic mode) of a superconducting gravimeter. *JOURNAL OF GEODESY*, 78(11-12):683–690, MAY 2005. ISSN 0949-7714. doi: {10.1007/s00190-005-0434-5}.
- S. Iwano, Y. Fukuda, T. Sato, Y. Tamura, K. Matsumoto, and K. Shibuya. Long-period tidal factors at Antarctica Syowa Station determined from 10 years of superconducting gravimeter data. *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH*, 110(B10), OCT 2005. ISSN 2169-9313. doi: {10.1029/2004JB003551}.
- C. Kroner, O. Dierks, J. Neumeyer, and H. Wilmes. Analysis of observations with dual sensor superconducting gravimeters. *PHYSICS OF THE EARTH AND PLANETARY INTERIORS*, 153(4): 210–219, DEC 2005. ISSN 0031-9201. doi: {10.1016/j.pepi.2005.07.002}.
- X. N. Lei, H. Z. Xu, and H.-P. Sun. Detection of spheroidal free oscillation excited by Peru 8.2 M-s earthquake with five international superconducting gravimeter data. *SCIENCE IN CHINA SERIES D-EARTH SCIENCES*, 48(1):123–133, JAN 2005. ISSN 1006-9313. doi: {10.1360/02yd0497}.
- J. Makinen, A. Engfeldt, B. G. Harsson, H. Ruotsalainen, G. Strykowski, T. Oja, and D. Wolf. The Fennoscandian land uplift gravity lines 1966-2003. In Jekeli, C. and Bastos, L. and Fernandes, J., editor, *Gravity, Geoid and Space Missions*, volume 129 of *INTERNATIONAL ASSOCIATION OF GEODESY SYMPOSIA*, pages 328–332. Int Assoc Geodesy; IUGG; NASA; ESA; GRICES; FCT; Univ Porto, 2005. ISBN 3-540-26930-4. IAG International Symposium on Gravity, Geoid and Space Missions (GGSM 2004), Oporto, PORTUGAL, AUG 30-SEP 03, 2004.
- J. Neumeyer, J. del Pino, O. Dierks, H.-P. Sun, and H. Pflug. Improvement of ocean loading correction on gravity data with additional tide gauge measurements. *JOURNAL OF GEODYNAMICS*, 40(1): 104–111, AUG 2005a. ISSN 0264-3707. doi: {10.1016/j.jog.2005.07.012}.
- J. Neumeyer, P. Schwintzer, F. Barthelmes, O. Dierkes, Y. Imanishi, C. Kroner, B. Meurers, H.-P. Sun, and H. Virtanen. Comparison of superconducting gravimeter and CHAMP satellite derived temporal gravity variations. In Reigber, C. and Luhr, H. and Schwintzer, P. and Wickert, J., editor, *EARTH OBSERVATION WITH CHAMP: RESULTS FROM THREE YEARS ORBIT*, pages 31–36. BMBF; German Aerosp Ctr, 2005b. ISBN 3-540-22804-7. doi: {10.1007/3-540-26800-6_5}. 2nd CHAMP Science Meeting, GFZ Potsdam, Potsdam, GERMANY, SEP 01-04, 2003.
- J. Park, T. R. A. Song, J. Tromp, E. Okal, S. Stein, G. Roullet, E. Clevede, G. Laske, H. Kanamori, P. Davis, J. Berger, C. Braitenberg, M. Van Camp, X. Lei, H.-P. Sun, H. Z. Xu, and S. Rosat. Earth's free oscillations excited by the 26 December 2004 Sumatra-Andaman earthquake. *SCIENCE*, 308 (5725):1139–1144, MAY 2005. ISSN 0036-8075. doi: {10.1126/science.1112305}.
- M. Poutanen, J. Jokela, M. Ollikainen, H. Koivula, M. Bilker, and H. Virtanen. Scale variation of GPS time series. In Sanso, F, editor, *WINDOW ON THE FUTURE OF GEODESY*, volume 128 of *International Association of Geodesy Symposia*, pages 15–20. Int Assoc Geodesy, 2005. ISBN 3-540-24055-1. General Assembly of the International-Association-of-Geodesy, Sapporo, JAPAN, JUN 30-JUL 11, 2003.
- S. Rosat, T. Sato, Y. Imanishi, J. Hinderer, Y. Tamura, H. McQueen, and M. Ohashi. High-resolution analysis of the gravest seismic normal modes after the 2004 M-w=9 Sumatra earthquake using superconducting gravimeter data. *GEOPHYSICAL RESEARCH LETTERS*, 32(13), JUL 2005. ISSN 0094-8276. doi: {10.1029/2005GL023128}.
- H. P. Sun, B. Ducarme, H. Z. Xu, L.. Vandercoilden, J. Q. Xu, and J. C. Zhou. Adaptability of the ocean and earth tidal models based on global observations of the superconducting gravimeters. *SCIENCE*

IN CHINA SERIES D-EARTH SCIENCES, 48(11):1859–1869, NOV 2005a. ISSN 1006-9313. doi: {10.1360/04yd0071}.

H.-P. Sun, H. Z. Hsu, J. C. Zhou, X. D. Chen, J. Q. Xu, B. L. Zhou, X. H. Hao, and M. Liu. Latest observation results from superconducting gravimeter at station Wuhan and investigation of the ocean tide models. *CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION*, 48(2):299–307, MAR 2005b. ISSN 0001-5733.

Y. Tamura, T. Sato, Y. Fukuda, and T. Higashi. Scale factor calibration of a superconducting gravimeter at Esashi Station, Japan, using absolute gravity measurements. *JOURNAL OF GEODESY*, 78(7-8): 481–488, APR 2005. ISSN 0949-7714. doi: {10.1007/s00190-004-0415-0}.

M. Van Camp, S. D. P. Williams, and O. Francis. Uncertainty of absolute gravity measurements. *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH*, 110(B5), MAY 2005. ISSN 2169-9313. doi: {10.1029/2004JB003497}.

A.P. Venedikov, J. Arnosó, and R. Vieira. New version of program vav for tidal data processing. *Computers and Geosciences*, 31(5):667–669, 2005. doi: 10.1016/j.cageo.2004.12.001. URL <https://www.scopus.com/inward/record.uri?eid=2-s2.0-18144423818&doi=10.1016%2fj.cageo.2004.12.001&partnerID=40&md5=281e804693b7123eed7521cc891ad4ff>.

J. Q. Xu, H.-P. Sun, and R. S. Fu. Detection of long-period core modes by using the data from global superconducting gravimeters. *CHINESE JOURNAL OF GEOPHYSICS-CHINESE EDITION*, 48(1):69–77, JAN 2005. ISSN 0001-5733.