

Alberta Albertella

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Born in January, 1st, 1962, in Italy
Married, two daughters,
lives in Milano, Italy
Address: via Carlo Forlanini 1
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Education

Ph.D. in Geodetic, Surveying and Photogrammetric Sciences at the Politecnico of Turin (Italy), 1993

Dissertation on “Analysis by Fourier series on the sphere”. Doctoral Scholarship by MURST (Ministry of University and Scientific and Technological Research).

Master Degree in Physics, University of Milan (Italy), 1990

Thesis on “Satellite Gradiometry”.

Academic positions

Technician Assistant at Politecnico di Milano (Italy) Dep. of Hydraulic and Environmental Engineering, Transport Infrastructures and Surveys	<i>1993-2000</i>
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Technician Director at the same Department	<i>2000</i>
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Assistant Professor at the same Department	<i>2000-2004</i>
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Scientific Guest at Technische Universität Dresden (Germany) Institut für Planetare Geodäsie	<i>2004</i>
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Scientific Partner at Technische Universität München (Germany) Institut für Astronomische und Physikalische Geodäsie	<i>2005-2012</i>
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Assistant Professor at DICA Politecnico di Milano (Italy)	<i>2013-2015</i>
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Associate Professor at DICA Politecnico di Milano (Italy)	<i>2015</i>
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Referee

Reviewer of papers for: Journal of Geodesy, Applied and Computational Harmonic Analysis, Journal of Surveying Engineering, Journal of Geodetic Science, IGeS Bulletin.

Reviewer of projects for Deutsche Forschungsgemeinschaft (German Research Foundation).

Research activities

Satellite Geodesy

Gravity field determination from satellite gradiometry. Collaboration with the following satellite missions projects:

- ARISTOTELES, 1989-1990, European project of gradiometric mission;
- STEP, 1993-1995, European project of fundamental physics also for geodetic purpose;
- GEM, 1995-1996, European project of gradiometric mission;
- SAGE, 1998, Italian project of accelerometric mission;
- GOCE (Gravity field and steady-state Ocean Circulation Explorer), 2009, European project of gradiometric mission.

From 2005 to 2012 was research partner in German Project GEOTOP (Ocean circulation from geodetic observation), Priority Research Program SPP 1257 Mass Transport and Mass Distribution in the Earth System.

Data processing

Statistical and numerical data analysis with applications to physical geodesy (geoid estimation). Estimation theory, statistical inference, Bayesian methods.

GIS and Remote Sensing

Statistical and numerical data analysis with applications to remote sensing and image classification. Digital Mapping analysis. GIS applications for the validation of spatial datasets.

Teaching at Politecnico di Milano

Digital Mapping - GIS

Lectures. Bachelor in Environmental Engineering.

2001-2004

Monitoring and Surveying techniques

Lectures. Bachelor and Master Degree in Environmental Engineering.

since 2013

Fundamentals of Representation

Lectures. Bachelor in Architecture.

2014-2020

Topography and Statistical Data Analysis

Lectures. Bachelor in Civil Engineering.

since 2020

1. A. Albertella, F. Sacerdote, and F. Sansó. Geodetic Calculus with Block-averages Observations on the Sphere. *Surveys in Geophysics*, 14(4-5):395–402, Sep 1993. ISSN 0169-3298. doi: 10.1007/BF00690567
2. A. Albertella and F. Sacerdote. Spectral analysis of block averaged data in geopotential global model determination. *Journal of Geodesy*, 70(3):166–175, Dec 1995b. ISSN 0949-7714. doi: {10.1007/BF00943692}. URL <http://dx.doi.org/10.1007/BF00943692>
3. A. Albertella, F. Migliaccio, F. Sansó, and G. Sona. The problem of polar caps in a gradiometric mission. *International Geoid Service Bulletin*, 5, 1996b
4. Albertella, A. and Barzaghi, R. and Sansó, F., and Sona, G. Geopotential models validation at IgeS. *International Geoid Service Bulletin*, 6:135–150, 1997
5. A. Albertella, F. Migliaccio, and F. Sansó. New simulations for the spaceborne gravimetry inversion. *Bollettino di Geofisica Teorica ed Applicata*, 40(3-4):277–283, 1999
6. Albertella A., F. Migliaccio, and F. Sansó. The space-wise approach to the data treatment for the SAGE mission project. *INTERNATIONAL ARCHIVES OF PHOTOGRAMMETRY AND REMOTE SENSING*, XXXII:–, 1999. ISSN 0256-1840
7. A. Albertella, F. Sansó, and N. Sneeuw. Band-limited functions on a bounded spherical domain: the Slepian problem on the sphere. *Journal of Geodesy*, 73(9):436–447, Oct 1999. ISSN 0949-7714. doi: 10.1007/PL00003999
8. A. Albertella and N. Sneeuw. The analysis of gradiometric data with Slepian functions. *Physics and Chemistry of the Earth Part A-Solid Earth and Geodesy*, 25(9-11):667–672, 2000. ISSN 1464-1895. doi: {10.1016/S1464-1895(00)00103-4}
9. A. Albertella and F. Sacerdote. Using Slepian functions for local geodetic computations. *Bollettino di geodesia e scienze affini*, 60(1):1–14, 2001
10. A. Albertella, F. Migliaccio, and F. Sansó. Data gaps in finite-dimensional boundary value problems for satellite gradiometry. *Journal of Geodesy*, 75(12):641–646, Dec 2001. ISSN 0949-7714. doi: {10.1007/s001900100206}
11. A. Albertella and G. Venuti. Problems and new concepts in local geoid solutions. *International Geoid Service Bulletin*, 11:115–121, 2001
12. A. Albertella, F. Migliaccio, M. Reguzzoni, and F. Sansó. Spacewise approach and measurement bandwidth in satellite gradiometry. *Bollettino di geodesia e scienze affini*, 61(3):179–189, 2002b
13. A. Albertella, F. Migliaccio, and F. Sansó. GOCE: The Earth gravity field by space gradiometry. *Celestial Mechanics & Dynamical Astronomy*, 83(1-4, SI):1–15, May 2002. ISSN 0923-2958. doi: 10.1023/A:1020104624752
14. A. Albertella, B. Betti, F. Sansó, and V. Tornatore. Real Time and Batch Navigation solutions: alternative approaches. *Bollettino della Società Italiana di Topografia e Fotogrammetria*, 4:82–89, 2005b. ISSN 1721-971X
15. G. Lentini, M. Maugeri, R. Devoti, A. Albertella, and R. Sabadini. A possible relationship between the Arctic Oscillation Index and atmosphere-triggered interannual long-wavelength gravitational variations. *Nuovo Cimento della Società Italiana di Fisica C-Geophysics and Space Physics*, 29(5):529–538, Sep-Oct 2006. ISSN 1124-1896. doi: {10.1393/ncc/i2005-10193-2}
16. A. Albertella, R. Barzaghi, D. Carrion, and A. Maggi. The joint use of gravity data and GPS/levelling undulations in geoid estimation procedures. *Bollettino di geodesia e scienze affini*, LXVII(1):49–59, 2008a. ISSN 0006-6710
17. A. Albertella and R. Rummel. On the spectral consistency of the altimetric ocean and geoid

- surface: a one-dimensional example. *Journal of Geodesy*, 83(9):805–815, Sep 2009. ISSN 0949-7714. doi: {10.1007/s00190-008-0299-5}
18. R. Rummel, M. Horwath, W. Yi, A. Albertella, W. Bosch, and R. Haagmans. GOCE, Satellite Gravimetry and Antarctic Mass Transports. *Surveys in Geophysics*, 32(4-5, SI):643–657, Sep 2011. ISSN 0169-3298. doi: {10.1007/s10712-011-9115-5}
 19. T. Janjic, L. Nerger, A. Albertella, J. Schröter, and S. Skachko. On Domain Localization in Ensemble-Based Kalman Filter Algorithms. *Monthly Weather Review*, 139(7):2046–2060, Jul 2011. ISSN 0027-0644. doi: {10.1175/2011MWR3552.1}
 20. T. Janjić Pfander, J. Schröter, A. Albertella, W. Bosch, R. Rummel, J. Savcenko, R. Schwabe, and M. Scheinert. Assimilation of geodetic dynamic ocean topography using ensemble based kalman filter. *Journal of Geodynamics*, 5960(0):92 – 98, 2012. ISSN 0264-3707. doi: 10.1016/j.jog.2011.07.001
 21. T. Janjic, J. Schröter, R. Savcenko, W. Bosch, A. Albertella, R. Rummel, and O. Klatt. Impact of combining GRACE and GOCE gravity data on ocean circulation estimates. *Ocean Science*, 8(1):65–79, 2012. ISSN 1812-0784. doi: {10.5194/os-8-65-2012}
 22. A. Albertella, R. Savcenko, T. Janjić, R. Rummel, W. Bosch, and J. Schröter. High resolution dynamic ocean topography in the Southern Ocean from GOCE. *Geophysical Journal International*, 190(2):922–930, 2012. ISSN 1365-246X. doi: 10.1111/j.1365-246X.2012.05531.x. URL <http://dx.doi.org/10.1111/j.1365-246X.2012.05531.x>
 23. A. Albertella, R. Savcenko, T. Janjić, R. Rummel, W. Bosch, and J. Schröter. *Mean Dynamic Ocean Topography in the Southern Ocean from GRACE and GOCE and Multi-mission Altimeter Data*, volume 139, pages 81–88. Springer, 01 2014c. ISBN 978-3-642-37221-6. doi: 10.1007/978-3-642-37222-3_60
 24. R. Pail, A. Albertella, D. Rieser, J. M. Brockmann, W. D. Schuh, and R. Savcenko. *Satellite Gravity Models and Their Use for Estimating Mean Ocean Circulation*, volume 139, pages 275–282. Springer, 01 2014a. ISBN 978-3-642-37221-6. doi: 10.1007/978-3-642-37222-3_60
 25. Riccardo Barzaghi, Alberta Albertella, Daniela Carrion, Franz Barthelmes, Svetozar Petrovic, and Mirko Scheinert. Testing airborne gravity data in the large-scale area of italy and adjacent seas. In *IGFS 2014*, pages 39–44. Springer, 2015a
 26. A Albertella, MA Brovelli, D Gonzalez Ferreiro, et al. Un open gis capacity building. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, 42(4W2):11–17, 2017
 27. Alexey Androsov, Lars Nerger, Reiner Schnur, Jens Schröter, Alberta Albertella, Reiner Rummel, Roman Savcenko, Wolfgang Bosch, Sergey Skachko, and Sergey Danilov. On the assimilation of absolute geodetic dynamic topography in a global ocean model: impact on the deep ocean state. *Journal of Geodesy*, 93(2):141–157, 2019
 28. JF Toro, D Carrion, A Albertella, and MA Brovelli. Cross-border open data sharing: Gioconda project. *International Archives of the Photogrammetry, Remote Sensing & Spatial Information Sciences*, 2019

International conference proceedings (Peer-reviewed)

14

1. A. Albertella, F. Migliaccio, and F. Sansó. The aliasing effect in coefficients estimation. In Rapp, R.H. and Sansó, F., editor, *Determination of the Geoid: Present and Future*, volume 106 of *International Association of Geodesy Symposia*, pages 10–15. Springer-Verlag, 1991. ISBN 0-387-97470-9
2. A. Albertella, F. Sacerdote, and F. Sansó. From Harmonic to Fourier Analysis on the Sphere. Proceedings of the First Continental Workshop on the Geoid in Europe, pages 364–375, 1992b. Prague, May 11-14, 1992
3. A. Albertella, F. Migliaccio, and F. Sansó. Application of the concept of biorthogonal series to

- a simulation of a gradiometric mission. In Sansó, F, editor, *Geodetic Theory Today*, number 114 in International Association of Geodesy Symposia, pages 350–361. Int Assoc Geodesy, Springer-Verlag Berlin, 1995a. ISBN 3-540-59421-3. 3rd Hotine-Marussi Symposium on Mathematical Geodesy, L’Aquila, Italy, May 30-Jun 03, 1994
4. A. Albertella and F. Sacerdote. Local geoid accuracies from different kinds of data. In Sansó, F, editor, *Geodetic Theory Today*, number 114 in International Association of Geodesy Symposia, pages 362–371. Int Assoc Geodesy, Springer-Verlag Berlin, 1995a. ISBN 3-540-59421-3. 3rd Hotine-Marussi Symposium on Mathematical Geodesy, L’Aquila, Italy, May 30-Jun 03, 1994
 5. A. Albertella, F. Migliaccio, and F. Sansó. Global gravity field recovery by use of STEP observations. In Sünkel, H and Marson, I, editor, *Gravity and Geoid*, number 113 in International Association of Geodesy Symposia, pages 111–116. Springer-Verlag Berlin, 1995b. ISBN 3-540-59204-0. Joint Symposium of the International-Gravity-Commission/International-Geoid-Commission, Graz, Austria, Sep 11-17, 1994
 6. Albertella, A. and Migliaccio, F. and Sona, G. The impact of satellite sensors on geodesy and perspectives. volume I of *ISPRS Commission I*, pages 93–112, 1995. ISBN 88-900943-3-8. Workshop on Digital Sensors and Systems, 21-25 June 1993, Trento, Italy
 7. F. Sansó, A. Albertella, G. Bianco, A. Della Torre, M. Fermi, V. Iafolla, S. Nozzoli, A. Lenti, F. Migliaccio, A. Milani, and A. Rossi. SAGE: An Italian project of satellite accelerometry. In Rummel, R and Drewes, H and Bosch, W and Hornik, H, editor, *Towards an Integrated Global Geodetic Observing System (IGGOS)*, volume 120 of *International Association of Geodesy Symposia*, pages 193–196. Int Assoc Geodesy, Springer-Verlag Berlin, 2000. ISBN 3-540-67079-3
 8. A. Albertella, F. Migliaccio, and F. Sansó. Direct and local comparison between different satellite missions for the gravity field on-the-fly. In Schwarz, K.P., editor, *Geodesy Beyond 2000: The Challenges of the First Decade*, volume 121 of *International Association of Geodesy Symposia*, pages 75–82. Int Assoc Geodesy, Springer-Verlag Berlin, 2000. ISBN 3-540-67002-5
 9. A. Albertella, F. Migliaccio, M. Reguzzoni, and F. Sansó. Wiener filters and collocation in satellite gradiometry. volume 127 of *International Association of Geodesy Symposia*, pages 32–38. Springer, 2004b. ISBN 9783642060281
 10. A. Albertella, N. Cazzaniga, F. Sansó, F. Sacerdote, M. Crespi, and L. Luzietti. Deformations detection by a bayesian approach: Prior information representation and testing criteria definition. In F. Sansó and A. J. Gil, editors, *Geodetic Deformation Monitoring: From Geophysical to Engineering Roles*, volume 131 of *International Association of Geodesy Symposia*, pages 30–37. Springer Berlin Heidelberg, 2006. ISBN 978-3-540-38595-0. doi: 10.1007/978-3-540-38596-7_4. URL http://dx.doi.org/10.1007/978-3-540-38596-7_4
 11. A. Albertella, X. Wang, and R. Rummel. Filtering of altimetric sea surface heights with a global approach. In Stelios P. Mertikas, editor, *Gravity, Geoid and Earth Observation*, volume 135 of *International Association of Geodesy Symposia*, pages 247–252. Springer Berlin Heidelberg, 2010b. ISBN 978-3-642-10633-0. doi: 10.1007/978-3-642-10634-7_32. URL http://dx.doi.org/10.1007/978-3-642-10634-7_32
 12. A. Albertella, R. Savcenko, T. Janjić, R. Rummel, W. Bosch, and J. Schröter. Mean dynamic ocean topography in the southern ocean from grace and goce and multi-mission altimeter data. In *Earth on the Edge: Science for a Sustainable Planet*, volume 139 of *INTERNATIONAL ASSOCIATION OF GEODESY SYMPOSIA*, pages 81–88. Springer, 2014b. doi: 10.1007/978-3-642-37222-3_60
 13. R. Pail, A. Albertella, D. Rieser, J.M. Brockmann, W.D. Schuh, and R. Savcenko. Satellite gravity models and their use for estimating mean ocean circulation. In *Earth on the Edge: Science for a Sustainable Planet*, volume 139 of *INTERNATIONAL ASSOCIATION OF GEODESY SYMPOSIA*, pages 275–282. Springer, 2014b. doi: 10.1007/978-3-642-37222-3_60

14. Daniela Carrion, George Vergos, Alberta Albertella, Riccardo Barzaghi, Ilias N Tziavos, and Vassilios N Grigoriadis. Assessing the goce models accuracy in the mediterranean area. *Newton's Bulletin*, 5:63–82, 2015

International conference proceedings

5

1. T. Janjić, A. Albertella, S. Skachko, J. Schröter, and R. Rummel. Observational error covariance specification in ensemble based Kalman filter algorithms. *Proceedings of 5th WMO Symposium on the Assimilation of Observations for Meteorology, Oceanography and Hydrology*, pages 5–9, 2009. Melbourne, Australia, 5 - 9 October 2009
2. A. Albertella, R. Rummel, R. Savcenko, W. Bosch, T. Janjić, J. Schröter, T. Gruber, and J. Bouman. Dynamic ocean topography from GOCE-some preparatory attempts. *Proceedings of the ESA Living Planet Symposium, ESA Publication SP-686, ESA/ESTEC, ISBN (Online)*, pages 978–992, 2010a. Bergen, Norway, 28 June - 2 July 2010
3. R. Rummel, T. Gruber, W. Yi, and A. Albertella. GOCE: Its principle and science. volume 2012, 11 2012. URL <http://synte.obspm.fr/jsr/journees2011/rummel.pdf>. Vienna University of Technology, 19-21 September 2011
4. A. Albertella, B. Betti, E. N. Cazzaniga, M. Crespi, M. C. de Lacy, M. Reguzzoni, L. Rossi, F. Sacerdote, D. Sampietro, V. Tornatore, and G. Venuti. Applications of the Bayesian statistics to geodetic problems. *Newton's Bulletin*, pages 1–14, 2014a. ISSN 1810-8555
5. Riccardo Barzaghi, Federica Migliaccio, Mirko Reguzzoni, and Alberta Albertella. The earth gravity field in the time of satellites. *Rendiconti Lincei*, 26(1):13–23, 2015b

Technical reports

13

1. A. Albertella, F. Migliaccio, and F. Sansó. Inversion of an over-determined boundary value problem-theory. Study on precise gravity field determination methods and mission requirements (phase 2), final report, CISI Ingenierie, Toulouse (France), 1990
2. A. Albertella, B. Benciolini, F. Migliaccio, F. Sacerdote, and F. Sansó. Geopotential Determination by Satellite to Satellite Tracking Using GPS Combination with Gradiometry. Technical report, Progress Meeting CIGAR, Darmstadt, 1992a
3. A. Albertella, F. Migliaccio, and F. Sansó. Solving STEP observations using bi-orthogonal series theory. Technical report, “ARISTOTELES, STEP, GEM”, Ricerche di Geodesia, Topografia e Fotogrammetria, vol. 12, 111-126, DIAR Politecnico di Milano, 1996a
4. A. Albertella, F. Sansó, R. H. Rapp, Nikolaos K. Pavlis, R. Forsberg, C.C. Tscherning, and M.G. Sideris. *International School for the Determination and Use of the Geoid*. Politecnico di Milano, 1997
5. F. Sansó, A. Albertella, G. Bianco, A. Della Torre, M. Fermi, V. Iafolla, S. Nozzoli, A. Lenti, F. Migliaccio, A. Milani, and A. Rossi. SAGE Satellite Accelerometry for Gravity field Exploration. Technical report, DIAR Politecnico di Milano, 1998
6. A. Albertella, F. Migliaccio, F. Sansó, and C.C. Tscherning. The space-wise approach-Overall scientific data strategy. Technical report, ESA - European Space Agency, “From Eötvös to Milligal”, 267-272, 2000c. URL <https://earth.esa.int/web/guest/document-library>
7. C.C. Tscherning, G. Moreaux, A. Albertella, F. Migliaccio, F. Sansó, and D. Arabelos. Detailed Scientific Data Processing using the Space-wise approach. Technical report, ESA - European Space Agency, “From Eötvös to Milligal”, 272-297, 2000b. URL <https://earth.esa.int/web/guest/document-library>
8. C.C. Tscherning, G. Moreaux, D. Arabelos, A. Albertella, F. Migliaccio, and F. Sansó. Scientific Data Processing Algorithms - The space-wise approach. Technical report, ESA - European Space Agency, “From Eötvös to Milligal”, 305-312, 2000c. URL <https://earth.esa.int/web/guest/document-library>

9. A. Albertella, F. Migliaccio, F. Sansó, and C.C. Tscherning. Scientific Data Production Quality Assessment using local space-wise preprocessing. Technical report, ESA - European Space Agency, “From Eötvös to Milligal”, 313-328, 2000b. URL <https://earth.esa.int/web/guest/document-library>
10. C.C. Tscherning, R. Forsberg, A. Albertella, F. Migliaccio, and F. Sansó. Space-wise approaches to gravity field determination in polar areas. Technical report, ESA - European Space Agency, “From Eötvös to Milligal”, 331-336, 2000a. URL <https://earth.esa.int/web/guest/document-library>
11. A. Albertella, F. Migliaccio, and F. Sansó. The scientific objectives of the research line GRAD. Technical report, “ARISTOTELES, STEP, GEM”, Ricerche di Geodesia, Topografia e Fotogrammetria, vol. 13, DIAR Politecnico di Milano, 2002c
12. A. Albertella, R. Savcenko, W. Bosch, and R. Rummel. Dynamic ocean topography - the geodetic approach. IAPG/FESG-Schriftenreihe 27, Institut für Astronomische und Physikalische Geodäsie, Forschungseinrichtung Satellitengeodäsie, 10 2008b
13. A. Albertella and R. Rummel. Goce geoid, mean dynamic ocean topography and geostrophic velocities. CGE Report 6, Centre of Geodetic Earth System Research, 3 2014. URL http://www.iapg.bgu.tum.de/mediadb/6372487/6372488/CGE_Reports_6.pdf

Books

3

1. A. Albertella, M.A. Brovelli, F. Migliaccio, and G. Sona. *Probabilità, variabili casuali a una dimensione, variabili casuali bi-dimensionali, covarianza - Esercizi di trattamento statistico dei dati*. Città Studi Edizioni, Milano, 1998a. ISBN 88-251-7211-7
2. A. Albertella, M.A. Brovelli, F. Migliaccio, and G. Sona. *Teoria della stima, inferenza statistica, catene di Markov, processi stocastici - Esercizi di trattamento statistico dei dati*. Città Studi Edizioni, Milano, 1998b. ISBN 88-251-7211-7
3. F. Sansò, B. Betti, and A. Albertella. Positioning. posizionamento classico e satellitare. 2019

Articles in Italian journals

4

1. A. Albertella and F. Sacerdote. Considerazioni sulla stima dei parametri di trasformazione di datum. *Rivista del Dipartimento e del Territorio del Ministero delle Finanze*, 3:77–82, 1998. ISSN 1122-4436
2. A. Albertella, E.S. Malinverni, and C. Nardinocchi. Per una cartografia tematica: metodologie di raccolta, elaborazione e rappresentazione dei dati ambientali territoriali. *Bollettino della Società Italiana di Topografia e Fotogrammetria*, 2:123–134, 1998c. ISSN 0392-4424
3. A. Albertella, E.S. Malinverni, and V. Tornatore. Missioni di geodesia spaziale per la determinazione del campo gravitazionale terrestre. *Bollettino di geodesia e scienze affini*, 59(1): 97–108, 2000a
4. A. Albertella, B. Betti, F. Sansó, and V. Tornatore. Navigazione geodetica o navigazione senza filtro di Kalman. *Bollettino della Società Italiana di Topografia e Fotogrammetria*, 1:115–123, 2005a. ISSN 1721-971X

Italian conference proceedings

18

1. A. Albertella, M.A. Brovelli, and F. Migliaccio. La propagazione della varianza degli errori di modello nella correzione dell'errore orbitale. Atti del X Convegno Nazionale GNGTS, pages 1021–1033, 1991
2. A. Albertella and F. Sacerdote. Analisi spettrale di dati mediati su blocchi per i modelli globali. Atti del XII Convegno Nazionale GNGTS, pages 1031–1034, 1993. Roma, 24-26 Novembre, 1993

3. A. Albertella, F. Migliaccio, F. Sacerdote, F. Sansó, and G. Sona. Modelli globali di geopotenziale: situazione attuale e problemi aperti. Atti del XII Convegno Nazionale GNGTS, pages 1011–1028, 1994b
4. A. Albertella, M.A. Brovelli, and F. Sansó. What is a local solution? Atti del XIII Convegno Nazionale GNGTS, pages 517–540, 1994a. 23-25 Novembre 1994
5. A. Albertella, F. Migliaccio, and F. Sansó. Simulation and analysis of the GEM gradiometric mission data. Atti del XIV Convegno Nazionale GNGTS, pages 351–362, 1995
6. A. Albertella and F. Migliaccio. Simulated observations of a gradiometric mission: tests on the data. Atti del XIII Convegno Nazionale GNGTS, pages 541–549, 1995
7. A. Albertella and M. Scaioni. Orientamento diretto in close-range photogrammetry. volume I of *Atti della III Conferenza Nazionale ASITA*, pages 59–64, 1999. ISBN 88-900943-1-1
8. A. Albertella and F. Migliaccio. Griglie cartografiche per la mappatura floristica con codifica CFCE in Lombardia. volume 1 of *Atti della V Conferenza Nazionale ASITA*, pages 69–74, 1999
9. A. Albertella and F. Migliaccio. Esperienze di laboratorio per corsi di cartografia automatica e GIS al Campus Leonardo del Politecnico di Milano. Atti della IV Conferenza Nazionale ASITA, pages 13–18, 2000. ISBN 88-900943-3-8
10. A. Albertella, F. Migliaccio, and V. Tornatore. La missione ESA di gradiometria spaziale GOCE: lo stato della ricerca in Italia e in Europa. volume I of *Atti della V Conferenza Nazionale ASITA*, pages 75–80, 2001. ISBN 88-900943-3-8
11. Albertella, A. and Barzaghi, R. and Borghi, A. and Sacerdote, F. Calcolo della differenza di geopotenziale fra geoide e capisaldi di riferimento per le quote. volume I of *Atti della V Conferenza Nazionale ASITA*, pages 65–67, 2001. ISBN 88-900943-3-8. Rimini, 9-12 Ottobre 2001
12. A. Albertella, B. Bernareggi, F. Migliaccio, and M. Scaioni. Aggiornamento della cartografia sentieristica lombarda con strumenti GIS. volume I of *Atti della VI Conferenza Nazionale ASITA*, pages 89–94, 2002a. ISBN 88-900943-4-6
13. A. Albertella and L. Pinto. Un SIT per la sicurezza stradale. volume I of *Atti della VII Conferenza Nazionale ASITA*, pages 27–32, 2003. ISBN 88-900943-5-4
14. A. Albertella, N. Cazzaniga, and L. Pinto. Controllo delle deformazioni: un approccio statistico di tipo Bayesiano. volume I of *Atti della VII Conferenza Nazionale ASITA*, pages 33–38, 2003. ISBN 88-900943-5-4
15. R. Barzaghi, A. Borghi, L. Pinto, V. Tornatore, A. Albertella, D. Carrion, R. Prini, M. Spagnoli, R. Sabadini, A. M. Marotta, B. Crippa, I. Jimenez, A. Aoudia, M. Gergolet, and G. Panza. Le misure GPS per il controllo geodinamico: alcune esperienze di campagna. volume 1 of *Atti della VII Conferenza Nazionale ASITA*, pages 34–40, 2003
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