

Poster: Wolf-Dieter Schuh Stand 15. Oktober 2018

- Esch, C., J. Köhler, K. Gutjahr, W.-D. Schuh (2017): Global approach to solve the L1-norm phase unwrapping problem in differential radar interferometry (D-InSAR) analysis. *ESA-FRINGE 2017 Symposium*. Helsinki. Poster, 8.6.2017 [BIBTeX](#), [PDF](#).
- Brockmann, J. M., S. Müller, W.-D. Schuh (2016): Analysis and refinement for an integrated approach estimating the ocean's mean dynamic topography from altimetry and GOCE. *ESA Living Planet Symposium 2016*. Prag. Poster, 10.5.2016 [BIBTeX](#), [PDF](#).
- Brockmann, J. M., W.-D. Schuh (2016): Computational aspects of high-resolution global gravity field determination. *NIC Symposium, Jülich*. Jülich. Poster, 12.2.2016 [BIBTeX](#), [PDF](#).
- Esch, C., K. Gutjahr, W.-D. Schuh (2016): Phase unwrapping problem in differential radar interferometry (D-InSAR) analysis based on the Lower-Rhine-Embayment. *ESA Living Planet Symposium 2016*. Prag. Poster 1970, 10.-12.5.2016 [BIBTeX](#), [PDF](#).
- Schuh, W.-D., J. M. Brockmann (2016): Refinement of the stochastic model for GOCE gravity gradients by non-stationary decorrelation filters. *ESA Living Planet Symposium 2016*. Prag. Poster 2382, 10.05.2016 [BIBTeX](#), [PDF](#).
- Brockmann, J., E. Höck, I. Loth, T. Mayer-Gürr, R. Pail, W.-D. Schuh, N. Zehentner (2015): GOCE gravity field models following the time-wise approach. *EGU General Assembly 2015*. Wien. doi:<http://adsabs.harvard.edu/abs/2015EGUGA..1712092B>. Poster, 14.4.2015.
- Müller, S., J. Brockmann, W.-D. Schuh (2015): Integrated approach to estimate the ocean's time variable dynamic topography including its covariance matrix. *EGU General Assembly 2015*. Wien. doi:<http://adsabs.harvard.edu/abs/2014EGUGA..1615334B>. Poster, 15.4.2015.
- Becker, S., J. Brockmann, W.-D. Schuh (2014): Integrated approach to estimate the ocean's time variable dynamic topography including its covariance matrix. *EGU General Assembly: G3.2 Determination of Mass transport and Distribution in the Earth System*. Vienna. Poster, 28.4.2014.
- Becker, S., J. Brockmann, W.-D. Schuh (2013a): Validation of the GOCE time-wise gravity field models via the estimation of the ocean's mean dynamic topography. *IAG Scientific Assembly*. Potsdam. Poster, 4-5.9.2013.
- Becker, S., J. Brockmann, W.-D. Schuh (2013b): Integrated approach to estimate the ocean's dynamic topography. *ESA Living Planet Symposium*. Edinburgh. Poster, 11.9.2013.
- Brockmann, J., L. Roese-Koerner, W.-D. Schuh (2013): A concept for the estimation of high-degree gravity field models in a high performance computing environment. *Geophysical Research Abstracts Vol. 15, EGU2013-8934-1*. Vienna. Poster, 8.4.2013.
- Schuh, W.-D. (2013): Arbeitsschwerpunkte der Theoretische Geodäsie in Bonn (IGG-TG). *Intergeo2013*. Essen. Poster, 8.-10.10.2013.
- Becker, S., G. Freiwald, W.-D. Schuh, M. Losch (2012a): Rigorous Fusion of Gravity Field into stationary ocean models (RIFUGIO). *DFG-SPP 1257 Final Colloquium "Mass transport and mass distribution in the Earth system"*. Potsdam. Poster, 19.9.2012.
- Becker, S., W.-D. Schuh, J. Brockmann (2012b): Consistent combination of gravity field, altimetry and hydrographic data. *International Symposium on Gravity, Geoid and Height Systems (GGHS 2012), Venice*. Venice. Poster, 9.-12.10.2012.
- Krasbutter, I., J. Brockmann, B. Kargoll, W.-D. Schuh (2012): GOCE In-Situ Adjustment: From calibrated measurements to the Earth's gravity field. *BMBF Geotechnologien Abschlussseminar "Erfassung des Systems Erde aus dem Weltraum III"*. Potsdam. Poster, 24.5.2012.

- Becker, S., J. Brockmann, W.-D. Schuh (2011a): The impact of a GOCE gravity field model on estimating the ocean's mean dynamic topography. *4th International GOCE User Workshop*. Vienna. Poster, 31.3.2011.
- Becker, S., J. Brockmann, W.-D. Schuh (2011b): The impact of a GOCE gravity field model on estimating the ocean's mean dynamic topography. *Geophysical Research Abstracts Vol. 13, EGU2011-11396*. Vienna. Poster, 4.4.2011.
- Becker, S., W.-D. Schuh, M. Losch, G. Freiwald (2011c): Rigorous Fusion of Gravity Field, Altimetry and Stationary Ocean Models. *EGU General Assembly 2011, Session 5.3, Vienna*. Vienna. Poster, 8.4.2011.
- Brockmann, J., W.-D. Schuh (2011a): Use of massive parallel computing libraries in the context of global gravity field determination. *4th International GOCE user workshop*. Munich. Poster, 31.3.—1.4.2011.
- Brockmann, J., W.-D. Schuh (2011b): Use of massive parallel computing libraries in the context of global gravity field determination. *Geophysical Research Abstracts Vol. 13, EGU2011-12084*. Vienna. Poster, 4.4.2011.
- Krasbutter, I., J. Brockmann, H. Goiginger, B. Kargoll, R. Pail, W.-D. Schuh (2011a): Refinement of the stochastic model of GOCE scientific data in a long time series. *4th International GOCE user workshop*. Munich. Poster, 31.3.—1.4.2011.
- Krasbutter, I., J. Brockmann, B. Kargoll, W.-D. Schuh (2011b): GOCE gravity field determination using the in-situ adjustment approach: first three releases. *BMBF Geotechnologien Statusseminar*. Stuttgart. Poster, 11.10.2011.
- Maier, A., O. Baur, W. Hausleitner, E. Höck, S. Krauss, H. Goiginger, D. Rieser, T. Mayer-Gürr, R. Pail, T. Gruber, T. Fecher, A. Albertella, A. Jäggi, U. Meyer, W.-D. Schuh, J. Brockmann, J. Kusche, A. Eicker (2011): Low-degree gravity field coefficients from SLR data for the new combined gravity field model GOCO02S. *Geophysical Research Abstracts Vol. 13, EGU2011-9977*. Vienna. Poster, 4.4.2011.
- Pail, R., J. Brockmann, T. Mayer-Gürr, T. Fecher, W.-D. Schuh, D. Rieser, E. Höck, I. Krasbutter, A. Jäggi, L. Prange, A. Maier, S. Krauss, T. Gruber, J. Kusche (2011): Kombinierte globale Schwerefeldmodelle der GOCO-Reihe. *Geodätische Woche*. Poster, 28.9.2011.
- Schuh, W.-D., B. Kargoll (2011): On the current status of the cooperative research project Real Data Analysis GOCE (REAL GOCE). *4th International GOCE user workshop*. Poster, 31.3.—1.4.2011.
- Becker, S., W.-D. Schuh, M. Losch, G. Freiwald (2010): Estimating the mean dynamic sea topography by combining so-called complete gravity field models and altimetry. *EGU General Assembly 2010, Vienna*. Vienna. Poster, 2.-6.5.2010.
- Brockmann, J., B. Kargoll, I. Krasbutter, W.-D. Schuh (2010): Stochastic model refinements for GOCE gradiometry data. *BMBF Geotechnologien Statusseminar*. Bonn. Poster, 4.10.2010.
- Freiwald, G., M. Losch, W.-D. Schuh, S. Becker (2010a): Can we use current geoid models for improving ocean state estimation? *EGU General Assembly*. Vienna. Poster, 2010.
- Freiwald, G., M. Losch, W.-D. Schuh, S. Becker (2010b): RIFUGIO - Rigorous fusion of gravity field into stationary ocean models. *ESA Living Planet Symposium 2010, Bergen*. Bergen. Poster, 30.6.2010.
- Goiginger, H., W. Hausleitner, E. Höck, S. Krauss, A. Maier, R. Pail, T. Gruber, T. Fecher, A. Jäggi, U. Meyer, W.-D. Schuh, J. Brockmann, J. Kusche, A. Eicker (2010a): The impact on a combined global gravity model using simulated GOCE data. *EGU General Assembly 2010, Vienna*. Vienna. Poster, 2.-6.5.2010.

- Goiginger, H., W. Hausleitner, E. Höck, S. Krauss, A. Maier, R. Pail, T. Gruber, T. Fecher, A. Jäggi, U. Meyer, W.-D. Schuh, J. Brockmann, J. Kusche, A. Eicker (2010b): Combined global gravity field models from GOCE data and complementary data types. *ESA Living Planet Symposium 2010, Bergen*. Vienna. Poster, 30.6.2010.
- Schuh, W.-D., J. Brockmann, B. Kargoll, I. Krasbutter (2010a): Adaptive Optimization of GOCE Gravity Filed Modeling. *GeoDarmstadt*. Darmstadt. Poster, 12.10.2010.
- Schuh, W.-D., J. M. Brockmann, B. Kargoll, I. Krasbutter (2010b): Adaptive Optimization of GOCE Gravity Field Modeling. *NIC Symposium, Jülich*. Jülich. Poster, 24.2.2010.
- Schuh, W.-D., B. Kargoll (2010): REaldatenAnalyse GOCE. *GeoDarmstadt*. Darmstadt. Poster, 12.10.2010.
- Schuh, W.-D., M. Losch, S. Becker, G. Freiwald (2010c): Rigorous Fusion of Gravity Field into Stationary Ocean Models RIFUGIO (previous work). *Begutachtung SPP1257*. Potsdam. Poster, 14.10.2010.
- Schuh, W.-D., M. Losch, S. Becker, G. Freiwald (2010d): Rigorous Fusion of Gravity Field into Stationary Ocean Models RIFUGIO (proposed work). *Begutachtung SPP1257*. Potsdam. Poster, 14.10.2010.
- Brockmann, J., R. Pail, E. Höck, I. Krasbutter, T. Mayer-Gürr, R. Mayrhofer, W.-D. Schuh, T. Fecher (2009): Release 3 of the GOCE-only gravity field model applying the time-wise method. *AGU Fall Meeting*. San Francisco. Poster, 8.12.2011.
- Roese-Koerner, L., I. Krasbutter, W.-D. Schuh (2009): Constrained quadratic programming techniques for data-adaptive design of decorrelation filters. *VII Hotine-Marussi-Symposium*. Rome. Poster, 7.7.2009.
- Brockmann, J., W.-D. Schuh (2008): Fast Variance Component Estimation in GOCE Data Processing. *IAG International Symposium on "Geodesy, Geoid and Earth Observation"*. Chania. Poster, 23.6.2008.
- Schuh, W.-D., S. Becker (2008): Consistent integration of global gravity field information into Earth process models (INTERMOD). *DFG-SPP 1257 Colloquium "Mass transport and mass distribution in the Earth system"*. Munich. Poster, 7.10.2008.
- Schuh, W.-D., M. Losch, S. Becker (2008): Rigorous fusion of gravity field into sationary ocean models (RIFUGIO). *DFG-SPP 1257 Colloquium "Mass transport and mass distribution in the Earth system"*. Munich. Poster, 7.10.2008.
- Becker, S., W.-D. Schuh (2007): Complete variance/covariance information of gridded data sets from both gravity field models and altimetry: processing strategies. *Joint International GSTM and DFG-SPP Symposium*. Potsdam. Poster, 15.10.2007.
- Alkhatib, H., W.-D. Schuh (2006): On the use of Monte Carlo Algorithms for estimating large scale matrix inverses with application to the GOCE mission. *IAG Symposium "Gravity Field of the Earth"*. Istanbul. Poster, 28.8.2006.
- Pail, R., B. Metzler, E. Höck, W.-D. Schuh, M. Wermuth (2006): GOCE Gravity Filed Analysis in the Framework of HPF: Software Architecture, Data Flow and Products. *IAG Symposium "Gravity Field of the Earth"*. Istanbul, Turkey. Poster, 28.8.2006.
- Siemes, C., W.-D. Schuh (2004): Joint estimation of gross errors and stochastic signals of GOCE mission data. *IAG Symposium "Gravity, Geoid and Space Missions"*. Porto. Poster, 30.8.-3.9.2004.
- Alkhatib, H., W.-D. Schuh (2003a): Numerische Analysen der GOCE Normalgleichungen mit dem GOCE-Numeric-Analyser. *BMBF Geotechnologien Statusseminar*. München. Poster, 13.6.2003.

- Alkhatib, H., W.-D. Schuh (2003b): Regularisierung und optimale Gewichtung der GOCE Normalgleichungen anhand des GOCE-Numeric Analyser. *Geodätische Woche*. Hamburg. Poster, 16.-19.9.2003.
- Kargoll, B., W.-D. Schuh (2003a): Analyse von GOCE-Schwerefeldresiduen hinsichtlich stochastischer Systematik. *Geodätische Woche*. Hamburg. Poster, 16.-19.9.2003.
- Kargoll, B., W.-D. Schuh (2003b): Implementierung und Validierung des stochastischen Modells von GOCE SGG-Daten. *BMBF Geotechnologien Statusseminar*. München. Poster, 13.6.2003.
- Pail, R., W.-D. Schuh, M. Wermuth (2003): GOCE-Schwerefeldanalyse: Auswertestrategie des Teams Graz - München - Bonn. *Geodätische Woche*. Hamburg. Poster, 16.-19.9.2003.