

Markku Poutanen, 10 selected publications

1. Ardalan, A.A., R. Karimi, M. Poutanen (2010): A bias-free geodetic boundary value problem approach to height datum unification. *Journal of Geodesy*. **84**:123–134. DOI 10.1007/s00190-009-0348-8
2. Bruyninx, C., Z. Altamimi, E. Brockmann, A. Caporali, R. Dach, J. Dousa, R. Fernandes, M. Gianniou, H. Habrich, J. Ihde, L. Jivall, A. Kenyeres, M. Lidberg, R. Pacione, M. Poutanen, K. Szafranek, W. Söhne, G. Stangl, J. Torres, C. Völksen (2015): Implementation of the ETRS89 in Europe: Current Status and Challenges. *International Association of Geodesy Symposia* **154**.
3. Jokela J., P. Häkli, M. Poutanen, U. Kallio, J. Ahola, (2012): Improving length and scale traceability in local geodynamical measurements. In: *Geodesy for Planet Earth*. Proceedings of the 2009 IAG Symposium, Buenos Aires, Argentina, 31 August 31 - 4 September 2009. Eds. Kenyon, S; M. Pacino; U. Marti. International Association of Geodesy Symposia, Vol. **136**. Springer Verlag. p.59-66, DOI: 10.1007/978-3-642-20338-1_8
4. Lehtinen K, Bach U, Muinonen K, Poutanen M, Petrov L (2016): Asteroid sizing by a radiogalaxy occultation at 5 GHz. *ApJ Letters*, accepted
5. Nordman, M., M. Poutanen, A. Kairus, J. Virtanen (2014): Using the Nordic Geodetic Observing System for land uplift studies. *Solid Earth*, **5**, 1–9, <http://www.solid-earth.net/5/673/2014/se-5-673-2014.html>, doi: 10.5194/se-5-673-2014.
6. Pollinger, F., M. Astrua, A. Bauch, S. Bergstrand, B. Görres, J. Jokela, U. Kallio, H. Koivula, H. Kuhlmann, V. Kupko, K. Meiners-Hagen, M. Merimaa, W. Niemeier, P. Neyezhmakov, M. Poutanen, F. Saraiva, S. Schön, S.A. van den Berg, J.-P. Wallerand, and M. Zucco (2015): Metrology for Long Distance Surveying: A Joint Attempt to Improve Traceability of Long Distance Measurements. *International Association of Geodesy Symposia* **154**. DOI 10.1007/1345_2015_154.
7. Poutanen M., D. Dransch, S. Gregersen, S. Haubrock, E.R. Ivins, V. Klemann, E. Kozlovskaya, I. Kukkonen, B. Lund, J.-P. Lunkka, G. Milne, J. Müller, C. Pascal, B.R. Pettersen, H.-G. Scherneck, H. Steffen, B. Vermeersen, D. Wolf (2010): DynaQlim – Upper Mantle Dynamics and Quaternary Climate in Cratonic Areas. In *New Frontiers in Integrated Solid Earth Sciences* (Eds. Cloetingh, S and Nengendank, J.). Springer Verlag, p. 349-372. DOI 10.1007/978-90-481-2737-5_10.
8. Poutanen, M., J. Ihde, C. Bruyninx, O. Francis, U. Kallio, A. Kenyeres, G. Liebsch, J. Mäkinen, S. Shipman, J. Simek, S. Williams, H. Wilmes (2014): Future and development of the European Combined Geodetic Network ECGN. In *Earth on the Edge: Science for a Sustainable Planet* (Ed. C. Rizos and P. Willis), International Association of Geodesy Symposia Volume **139**. Springer Berlin Heidelberg, pp. 121-127. DOI 10.1007/978-3-642-37222-3_15.
9. Poutanen, M., E.R.Ivins, (2010): Upper Mantle Dynamics and Quaternary Climate in Cratonic Areas (DynaQlim) – understanding the Glacial Isostatic Adjustment. *J. Geodynamics*. **50**, No.1, 2-7. doi:10.1016/j.jog.2010.01.014
10. Poutanen M., P. Knudsen, M. Lilje, T. Nørbech, H.- P. Plag, H.-G. Scherneck, (2007): The Nordic Geodetic Observing System (NGOS). In *Dynamic Planet - Monitoring and Understanding a Dynamic Planet with Geodetic and Oceanographic Tools*, Conference of the International Association of Geodesy 22-26 August 2005, Cairns, Australia (Ed. C. Rizos and P. Tregoning), *International Association of Geodesy Symposia* , Vol. **130**: 749-756.