

1. Ashwal, L.D., Wiedenbeck, M., Torsvik, T.H. 2017. Archaean zircons in Miocene oceanic hotspot rocks establish ancient continental crust beneath Mauritius. *Nature Communications* DOI: 10.1038/ncomms14086.
2. Augland, L. E. Moukhsil, A., Solgadi, F. In press. Mantle influence of syn- to late Grenvillian alkaline magmatism in the Grenville Province: causes and implications. *Canadian Journal of Earth Sciences*. 10.1139/cjes-2016-0135
3. Fristad, K.E., Svensen, H.H., Polozov, A., and Planke, S., 2017. Formation and evolution of the end-Permian Oktyabrsk volcanic crater in the Tunguska Basin, Eastern Siberia. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 468, 76-87.
4. Hartz, E.H., S. Medvedev, and D.W. Schmid. Development of sedimentary basins: differential stretching, phase transitions, shear heating, and tectonic pressure. Basin Research, (online from February, 2016)
5. Jakob, J., Alsaif, M., Corfu, F. and Andersen, T.B. (2017) Age and origin of thin discontinuous gneiss sheets in the distal domain of the magma-poor hyperextended pre-Caledonian margin of Baltica, Southern Norway. *Journal of the Geological Society of London* (<https://doi.org/10.1144/jgs2016-049>).
6. Jones, M.T., Eliassen, G.T., Shephard, G.E., Svensen, H.H., Jochmann, M., Friis, B., Augland, L.E., Jerram, D.A., Planke, S. 2016. Provenance of bentonite layers in the Palaeocene strata of the Central Basin, Svalbard: implications for magmatism and rifting events around the onset of the North Atlantic Igneous Province. *Journal of Volcanology and Geothermal Research*, doi:10.1016/j.jvolgeores.2016.09.014 (in press)
7. Mazzini, A., H.H. Svensen, C.F. Forsberg, Henriette Linge, Stein-Erik Lauritzen, Haflidi Haflidason, Øyvind Hammer, Sverre Planke, Tor Inge Tjelta, 2016, A Climatic Trigger for the Giant Troll Pockmark Field in the Northern North Sea, *Earth and Planetary Science Letters*, accepted
8. Mazzini, A.; and Etioppe, G. 2016. Mud volcanism: an updated review, *Earth-Science Reviews*, Accepted
9. Spacapan, J.B., Galland, O., Leanza, H.A., and Planke, S., in press. Igneous sill and finger emplacement mechanism in shale-dominated formations: a field study at Cuesta del Chihuido, Neuquén Basin, Argentina. *Journal of the Geological Society*.
10. Senger, K., Millett, J.M., Planke, S., Ogata, K., Eide, C., Festøy, M., Galland, O., Jerram, D., in press. Effects of igneous intrusions on the petroleum system: a review. (First Break).
11. Steinberger, B., M.-L. Seidel, and T. H. Torsvik (2017). Limited true polar wander as evidence that Earth's nonhydrostatic shape is persistently triaxial, *Geophys. Res. Lett.*, 44, doi:10.1002/2016GL071937.
12. Tan, P.; Breivik, A.J.; Trønnes, R.G.; Mjelde, R.; Azuma, R.; Eide, S., in press. Crustal structure and origin of the Eggvin Bank west of Jan Mayen, NE Atlantic, *Journal of Geophysical Research* (in press, December 2016).
13. Tan, P., Oberhardt, N., Dypvik, H., Riber, L., Ferrell, R. E. 2017. Weathering profiles and clay mineralogical developments, Bornholm, Denmark. *Marine and Petroleum Geology*, 80, 32-48.
14. Zwaan, F., G. Schreurs, J. Naliboff, S.J.H. Buitert, Insights into the effects of oblique extension on continental rift interaction from 3D analogue and numerical models, *Tectonophysics*, In Press since March 2016, doi: 10.1016/j.tecto.2016.02.036
15. Gaina, C., Nasuti, A., G. Kimbell, and A. Blischke, Break-up and seafloor spreading domains in the NE Atlantic, in **The Northeast Atlantic Region: A Reappraisal of Crustal Structure, Tectonostratigraphy and Magmatic Evolution**, eds. Peron-Pinvidic, G., Hopper, J. R., Stoker, M., Gaina, C., Doornebal, H., Funck, T., and U. Arting,

- Geological Society, London, Special Publications, 447*. First published online 09.01.2016, <http://doi.org/10.1144/SP447.6>
16. Geissler, W.H., Gaina, C., Hopper, J.R., Funck, T., Blischke, A., Arting, U., Horni, J., and G. Peron-Pinvidic, Seismic volcano-stratigraphy of the Northeast Greenland continental margin revisited, in **The Northeast Atlantic Region: A Reappraisal of Crustal Structure, Tectonostratigraphy and Magmatic Evolution**, eds. Peron-Pinvidic, G, Hopper, J. R., Stoker, M., Gaina, C., Doornebal, H., Funck, T., and U. Arting, *Geological Society, London, Special Publications, 447*. First published online 09.01.2016, <http://doi.org/10.1144/SP447.6>
 17. Blischke, A., Gaina, C., Hopper, J., Peron-Pinvidic, G., Brandsdottir, B., Guarnieri, P., Erlendsson, Ö, and K. Gunnarsson, The Jan Mayen microcontinent: an update of its architecture, structural development, and role during the transition from the Ægir- to the Kolbeinsey mid-oceanic ridge, in **The Northeast Atlantic Region: A Reappraisal of Crustal Structure, Tectonostratigraphy and Magmatic Evolution**, eds. Peron-Pinvidic, G, Hopper, J. R., Stoker, M., Gaina, C., Doornebal, H., Funck, T., and U. Arting, *Geological Society, London, Special Publications, 447*. First published online 09.01.2016, <http://doi.org/10.1144/SP447.6>
 18. Gaina, C., Blischke, A., Geissler, W.H., Kimbell, G.S. and O. Erlendsson, Seamounts and oceanic igneous features in the NE Atlantic: a link between plate motions and mantle dynamics, in **The NE Atlantic Region: A Reappraisal of Crustal Structure, Tectonostratigraphy and Magmatic Evolution**, eds. Peron-Pinvidic, G, Hopper, J. R., Stoker, M., Gaina, C., Doornebal, H., Funck, T., and U. Arting, *Geological Society, London, Special Publications, 447*. First published online 09.01.2016, <http://doi.org/10.1144/SP447.6>
 19. Rabanus-Wallace, M.T., Wooller, M.J., Zazula, G.D., Shute, E., Jahren, A.H., Kosintsev, P., Burns, Breen, J., Llamas, B., and A. Cooper. 2017. Megafaunal isotopes reveal role of increased moisture on rangeland during Late Pleistocene extinctions, *Nature Ecology and Evolution* (in press).
 20. Schubert, B.A., & A. H. Jahren, Sergei P. Davydov, and Sophie Warny. 2017. The transitional climate of the late Miocene Arctic: Winter-dominated precipitation with high seasonal variability, *Geology*, (in press).
 21. Smirnov, A. Kulakov, E.V., Foucher, M.S., and K. E. Bristol, 2017. Intrinsic paleointensity bias and the long-term history of the geodynamo, *Science Advances*, 3 (2), doi.org/10.1126/sciadv.1602306
 22. Stoker, M., Stewart, M. Shannon, P., Bjerager, M., Nielsen, T., Blischke, A., Hjelstuen, B.O.B., Gaina, C., McDermott, K., and J. Olavsdottir, An overview of the Upper Paleozoic-Mesozoic stratigraphy of the NE Atlantic region, in **The Northeast Atlantic Region: A Reappraisal of Crustal Structure, Tectonostratigraphy and Magmatic Evolution**, eds. Peron-Pinvidic, G, Hopper, J. R., Stoker, M., Gaina, C., Doornebal, H., Funck, T., and U. Arting, *Geological Society, London, Special Publications, 447*. First published online 12.08.2016.2016, <http://doi.org/10.1144/SP447.6>