

Elden Elmanto

Publications and Preprints

ARTICLES/TO APPEAR

1. E. Elmanto, M. Hoyois, R. Iwasa, S. Kelly, *Milnor excision for motivic spectra* (2020), to appear in *J. Reine angew. Math. (Crelle)*, arXiv:2004.12098.
2. E. Elmanto, M. Hoyois, A. A. Khan, V. Sosnilo, M. Yakerson, *Motivic infinite loop spaces*, (2017), to appear in *Cambridge J. Math.*, arXiv:1711.05248.
3. E. Elmanto, V. Sosnilo, *Nilpotent extensions of ∞ -categories and the cyclotomic trace* (2020), to appear in *Int. Math. Res. Not.*, arXiv:2010.09155.
4. T. Bachmann, E. Elmanto, *Voevodsky's slice conjectures via Hilbert schemes* (2019), *Algebr. Geom.* 8 (2021), no. 5, 626–646, arXiv:1912.01595.
5. E. Elmanto, M. Levine, M. Spitzweck, P. A. Østvær, *Algebraic cobordism and étale cohomology* (2017), to appear in *Geom. Top.*; arXiv:1711.06258.
6. T. Bachmann, E. Elmanto, M. Hoyois, A. A. Khan, V. Sosnilo, M. Yakerson, *On the infinite loop spaces of algebraic cobordism and the motivic sphere* (2019), *Épjournal Géom. Algébrique* 5 (2021), Art. 9, 13 pp.; arXiv:1911.02262.
7. E. Elmanto, J. Shah *Scheiderer motives and equivariant higher topos theory*, *Adv. Math.* 382 (2021) 107651.; arXiv:1912.11557.
8. B. Antieau, E. Elmanto *Descent for Semiorthogonal Decompositions*, *Adv. Math.* 380 (2021) 107600.; arXiv:1912.08970.
9. E. Elmanto, M. Hoyois, A. A. Khan, V. Sosnilo, M. Yakerson, *Modules over Algebraic Cobordism*, *Forum Math Pi.* 8 (2020), e14, 44 pp.-43.; arXiv:1908.02162.
10. E. Elmanto, *THH and TC are (very) far from being homotopy functors*, *J. Pure Appl. Algebra.* 225 (2021), no. 8., 12. pp.; arXiv:2007.09857.

11. E. Elmanto, M. Hoyois, R. Iwasa, S. Kelly, *Cdh descent, cdarc descent and Milnor excision*, Math. Ann. (2020), no. 3-4, 1011–1045.; arXiv:2002.11647.
12. E. Elmanto, M. Hoyois, A. A. Khan, V. Sosnilo, M. Yakerson, *Framed transfers and motivic fundamental classes*, J. Topol. **13** (2020), 460-500.; arXiv:1809.10666.
13. E. Elmanto, H. Kolderup, *On modules over motivic ring spectra*, Ann. K-Theory. **5** (2020), 327-355.; arXiv:1708.05651.
14. E. Elmanto, A. A. Khan, *Perfection in motivic homotopy theory*, Proc. Lond. Math. Soc. **120** (2020), no. 1, 28-38.; arXiv:1812.07506.
15. B. Antieau and E. Elmanto, *A primer for unstable motivic homotopy theory*, Surveys on Recent Developments in Algebraic Geometry, Proc. Sympos. Pure Math. **95** (2017), pp. 305 – 370.; arXiv:1605.00929.
16. I. Kriz and E. Elmanto *Some nontrivial examples of the Baldwin–Ozsváth–Szabó twisted spectral sequence and Heegaard–Floer homology of branched double covers*, New York J. Math **22** (2016), 363-378.; arXiv:1604.04260.

PREPRINTS

1. T. Bachmann, E. Elmanto, J. Heller, *Motivic colimits and extended powers*. (2021), arXiv:2104.01057.
2. E. Elmanto, G. Kulkarni, M. Wendt, *A^1 -connected components of classifying spaces and purity for torsors, submitted to Documenta Math.* (2021), arXiv:2104.06273.
3. E. Elmanto, R. Haugseng, *On distributivity in higher algebra I: the universal property of bispans, submitted to Compositio Math.*, (2020), arXiv:2010.15722.
4. E. Elmanto, D. Nardin, L. Yang, *A descent view on Mitchell’s theorem* (2020), arXiv:2008.02821.
5. T. Bachmann, E. Elmanto, P. A. Østvær, *Motivic invariants are eventually étale local* (2020), submitted to Duke Math. J., arXiv:2003.04006.
6. T. Bachmann, E. Elmanto, *Notes on motivic infinite loop space theory* (2019), arXiv:1912.06530.

7. D. Carchedi, E. Elmanto, *Relative étale realizations of motivic spaces and Dwyer-Friedlander K-Theory of noncommutative schemes*, (2018), arXiv:1810.05544.

8. E. Elmanto *Motivic contractibility of the space of rational Maps (Thesis)*, (2018), available at www.eldenelmanto.com.