

Seminar on 2D TQFTs (Seminar MAT115.1)

- ▶ *Slogan.* Topology is hard, algebra is easy. A TQFT is a machine eating topology and spitting out (linear) algebra.
- ▶ *Who?* Master and Ph.D. students.
- ▶ *Preliminaries.* A little bit of category theory, topology, and algebra.
- ▶ *When?* Monday 13:00-14:45.
- ▶ *Website.* <http://www.dtubbenhauer.com/seminar-frob-2018.html>
- ▶ *Topics.* Cobordisms topologically, generators-relations for them, the algebraic point of view (Frobenius algebras), TQFTs, some other fun applications.



$$\rightsquigarrow \Delta: A \rightarrow A \otimes A$$