

Diagram Categories and Commutativity in Topology

Steffen Sagave

Radboud University Nijmegen, The Netherlands

In this talk, I will outline how indexing categories such as the category of finite sets and injective maps can be used to encode homotopy coherent commutative multiplications in various topological contexts. My examples will include a commutative model for the cochain algebra of a space introduced in recent joint work with Birgit Richter.