

# Decomposition and $(-1)$ -form symmetries in the SymTFT

*Wednesday, 25 September 2024 10:30 (25 minutes)*

A  $d$ -dimensional QFT with a  $(d-1)$ -form global symmetry decomposes into a disjoint union of different QFTs related by a  $(-1)$ -form symmetry. In this talk I will discuss these symmetries and the associated decomposition in the framework of the Symmetry TFT, using various examples such as 4d Yang–Mills or 3d ABJ(M) theories.

**Presenter:** LIN, Ling