

Nathalie Wahl

Title: Lifting the intersection product along fibrations

Tbstract: We describe the string product and coproduct on the homology of the free loop space of a manifold as lifts of the homology intersection product of the manifold, and explain how the nature of the lift affects the invariance properties of the resulted lifted structure. This is partially based on joint work with Nancy Hingston, as well as with Florian Naef and Manuel Rivera.