

Young Women in Topology Meeting 2013
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Talk 7:
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Equivariant Homotopy Diagrams

In this talk, we will discuss an obstruction theory for lifting an equivariant homotopy diagram to an actual commutative diagram by defining series of obstructions to making this diagram more and more highly commutative. As an application, we will consider some cases where these obstructions vanish and the rectifications can be used to construct group actions on products of spheres. This is a joint work with Ozgun Unlu.