

1135-VU-2481 **Ik Jae Lee*** (leei@rowan.edu), Department of Mathematics, Rowan University, Glassboro, NJ 08028, and **David N Yetter**. *Dijkgraaf–Witten type invariants of Seifert surfaces in 3–manifolds.*

In this talk, we introduce defects, with internal gauge symmetries, on a knot and Seifert surface to a knot into the combinatorial construction of finite gauge–group Dijkgraaf–Witten theory. The appropriate initial data for the construction are certain three object categories, with coefficients satisfying a partially degenerate cocycle condition. (Received September 26, 2017)