

**Meeting:** 1002, Pittsburgh, Pennsylvania, SS 1A, Special Session on Invariants of Knots and 3-Manifolds

1002-57-239      **Fernando J. O. Souza\*** ([fernando-souza@uiowa.edu](mailto:fernando-souza@uiowa.edu)), Department of Mathematics, 14 MLH, University of Iowa, Iowa City, IA 52242-1419, and **Louis H. Kauffman** ([kauffman@uic.edu](mailto:kauffman@uic.edu)) and **David E. Radford** ([radford@uic.edu](mailto:radford@uic.edu)), Department of MSCS, m/c 249, 851 S. Morgan Street, Chicago, IL 60607-7045. *Comparing Hopf-algebraic invariants of three-manifolds*. Preliminary report.

We report on our current efforts to compare invariants of three-manifolds derived from Hopf-algebra objects in the context of surgery presentations, with particular attention to the Kuperberg invariant and the Kauffman-Radford reformulation of the Hennings (KRH) invariant. (Received September 14, 2004)