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**Louis H. Kauffman\*** ([kauffman@uic.edu](mailto:kauffman@uic.edu)), Mathematics Department, University of Illinois at Chicago, 851 South Morgan Street, Chicago, IL 60607-7045. *Categorification of the Arrow Polynomial.*

This talk is joint work with Heather Dye and Vassily Manturov. We will describe our categorifications of the Arrow Polynomial invariant of virtual knots and links. (Received September 01, 2009)