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Adam Lowrance* (adlowrance@vassar.edu). *Computing the Turaev genus of a link.*

The Turaev surface of a link diagram is an oriented Heegaard surface constructed using the all-A and all-B Kauffman states of the link diagram. The Turaev genus of a link is the minimum genus of a Turaev surface for any diagram of the link. In this talk, we discuss some recent computations of the Turaev genus of links with few crossings and of several infinite families of torus knots. (Received September 11, 2016)