1126-57-35 **Oliver Dasbach** and **Adam Lowrance*** (`adlowrance@vassar.edu`). *Invariants of Turaev genus one links.*

Each link diagram has an associated Turaev surface, constructed from the all-A and all-B Kauffman states of the 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 provide a Jones polynomial and a Khovanov homology obstruction for a link to be of Turaev genus one. (Received December 13, 2016)