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**J. Elisenda Grigsby\*** ([egrigsby@math.columbia.edu](mailto:egrigsby@math.columbia.edu)), 2990 Broadway, MC 4406, New York, NY 10027, and **Stephan Wehrli**. *A connection between Khovanov- and Heegaard Floer-type homology theories.*

The relationship between Khovanov- and Heegaard Floer-type homology invariants is intriguing and still poorly-understood. In this talk, I will describe a connection between a version of Khovanov homology for tangles in certain product sutured manifolds and the Heegaard Floer homology of the sutured double-branched covers. As a corollary, we can conclude that Khovanov's categorification of the reduced,  $n$ -colored Jones polynomial detects the unknot whenever  $n > 1$ . (Received February 09, 2009)