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**Aaron D Lauda\*** (lauda@usc.edu), University of Southern California, 3620 S. Vermont Ave, KAP 108, Los Angeles, CA 90089-2532, and **Alexander Ellis** and **Mikhail Khovanov**. *The odd nilHecke algebra and categorified quantum  $sl(2)$ .*

We will discuss an odd analog of the nilHecke algebra together with its applications to symmetric functions, cohomology of flag varieties, and categorification of quantum  $sl(2)$ . (Received November 30, 2011)