1117-57-465   **Adam R Saltz*** (`saltz.adam@gmail.com`), Boston College, Dept of Mathematics, Maloney Hall 538, Chestnut Hill, MA 02467. *A Khovanov-theoretic invariant of knotted surfaces.* Preliminary report.

Khovanov homology is a powerful invariant of knots and links in S^3, but has not had much to say about knotted surfaces in S^4. We construct a non-trivial Khovanov-theoretic invariant of surfaces in S^4 using Meier and Zupan's bridge trisections of surfaces. We will also discuss applications. (Received January 19, 2016)