1147-57-108   **Tyler Lawson**, Vincent Hall, University of Minnesota, Minneapolis, MN 55455, **Robert Lipshitz**, Fenton Hall, University of Oregon, Eugene, OR 97403, and **Sucharit Sarkar***, 520 Portola Plaza, Los Angeles, CA 90095.
Spatial refinements of platform algebras and bimodules.

Chen-Khovanov-Stroppel constructed the platform algebra A_n associated to n points, and (A_n, A_m)-bimodules $C(T)$ associated to (n, m)-tangles T. I will explain how to construct spatial refinements of these invariants, following the framework used to refine Khovanov homology using the Burnside category. This is joint work with Tyler Lawson and Robert Lipshitz. (Received December 18, 2018)