Forrest Gordon* (fgordo2@lsu.edu) and Peter Lambert-Cole. Knot Floer homology of pretzel knots.

A null-homologous knot $K$ in a closed 3-manifold $Y$ induces a filtration on the Heegaard Floer homology of $Y$, and the filtered homotopy type is a powerful knot invariant referred to as the knot Floer homology of $K$. In this talk, we consider the family of all pretzel knots $K = P(t_1, \ldots, t_n)$ in $S^3$. We describe the computation of the knot Floer homology groups and the accompanying concordance invariants of these knots. (Received August 11, 2015)