KEEGAN BOYLE, UBC
Equivariant slice disks for symmetric knots

A symmetric knot K is *equivariantly slice* if there is an extension of the symmetry to the 4-ball and K bounds a smooth disk with respect to this extension. In this talk I will discuss this notion for several types of symmetric knots, and applications of these ideas to 4-manifold topology. This is joint work: some with Ahmad Issa, and some with Wenzhao Chen.