Title: Floer cohomology of real Lagrangians in the quintic

Abstract: The Fermat quintic 3-fold is a Calabi-Yau manifold and the set of real points forms a Lagrangian submanifold. Multiplying the coordinates by various fifth roots of unity leads to a family of 625 different Lagrangian submanifolds. I will show how to calculate the Floer cohomology between certain pairs of these Lagrangians.