“Applications of Heegaard-Floer theory to knot and link concordance”

Abstract:
Heegaard-Floer theory is a powerful collection of tools developed over the last 10 years by Ozsvath and Szabo. I will discuss the use of numerical invariants derived from Heegaard-Floer in investigating concordance of links. This is the question of whether two links in the 3-sphere form the boundary of a union of cylinders in 4-space. One main theme is the relationship between concordance of a link of two or more components, and concordance of the individual components.

Wednesday, December 7th, 2011
Surge 284
4:10-5:00pm
Tea Time at 3:40pm