
LIAM WATSON, Université de Sherbrooke
Bordered Floer homology via immersed curves

I'll describe a joint project with Jonathan Hanselman and Jake Rasmussen that gives a geometric interpretation of bordered Heegaard Floer homology for manifolds with torus boundary in terms of immersed curves in a punctured torus. This point of view gives rise to a number of new results about the Heegaard Floer theory of manifolds with torus boundary, which will serve as the main focus of the talk.