Gauge Theory & Topology Seminar

Peter Ozsváth (MIT)

Bordered Floer homology and the spectral sequence of a branched double-cover

In earlier work with Zoltan Szabó, we constructed a spectral sequence whose E_2 term is Khovanov's homology (reduced, with $\mathbb{Z}/2$ coefficients). I will explain how bordered Floer homology can be used to calculate this spectral sequence explicitly. This is joint work with Robert Lipshitz and Dylan Thurston.

Date: Friday, October 29
Time: 3:30-4:30
Location: Harvard Mathematics Department, Science Center 507