

1135-51-237

**Catherine Cannizzo\*** ([cannizzo@math.berkeley.edu](mailto:cannizzo@math.berkeley.edu)). *An example towards homological mirror symmetry*. Preliminary report.

In this poster, we describe progress towards proving an example of Kontsevich's homological mirror symmetry conjecture (1994). HMS for the genus 2 surface on the symplectic side is already known by Seidel (2008), where the mirror is constructed via algebraic methods. In this work, we consider the genus 2 curve on the complex side and the mirror is an SYZ mirror, in the sense of Strominger-Yau-Zaslow (1996), following a construction in Abouzaid-Auroux-Katzarkov (2015). (Received September 27, 2017)