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Maciej Borodzik and **Beibei Liu*** (bliu96@gatech.edu), 686 Cherry ST NW, School of Mathematics, Atlanta, GA 30332, and **Ian Zemke**. *Heegaard Floer homology and plane curves with non-cuspidal singularities.*

It is an interesting question to ask the possible configurations of singular points occurring on general algebraic curves in CP^2 . In this talk, we use Heegaard Floer homology to study the singularities links and give some obstructions for the configurations. The main ingredient is to use the knot Floer complex of the knotification of the singularities links in the algebraic curves. (Received September 19, 2021)