1162-57-36 **Olga Plamenevskaya** and **Laura Starkston*** (lstarkston@math.ucdavis.edu). *Unexpected Stein fillings and plane curve arrangements.*

We use singular braided symplectic surfaces in $\mathbb{C}^2$ in comparison with algebraic curves in $\mathbb{C}^2$ in order to exemplify differences between Stein fillings and algebraic deformations of a surface singularity. We work with Lefschetz fibrations and open book decompositions arising naturally from the projection of $\mathbb{C}^2$ to $\mathbb{C}$. We develop a symplectic analogue to results in the complex algebraic setting by de Jong and van Straten. (Received August 17, 2020)