Peter Lambert-Cole* (plc@math.gatech.edu). *Bridge trisections in $\mathbb{CP}^2$.

Given a surface $S$ in a 4-manifold $X$, Meier and Zupan proved that $S$ can be isotoped into bridge position relative to a trisection. This generalizes bridge position for knots in a 3-manifold. In this talk, I will give examples of algebraic curves in bridge position in $\mathbb{CP}^2$ and discuss how these surfaces can be understood in terms of their shadow diagrams onto a central torus. (Received February 20, 2018)