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Pablo Portilla Cuadrado and **Nick Salter***, Department of Mathematics, 2990 Broadway, New York, NY 10027. *Plane curve singularities and mapping class groups.*

The theory of plane curve singularities is a meeting ground for many topics in mathematics, including algebraic geometry, analysis, topology, and geometric group theory. I will discuss some recent work, joint with Pablo Portilla Cuadrado, that answers some basic topological questions about plane curve singularities. Our results make essential use of some developments in the theory of “framed mapping class groups”, representing joint work between myself and Aaron Calderon. (Received August 10, 2020)