ALEXANDRA PETTET, University of Michigan
Twisting out fully irreducible automorphisms

By a theorem of Thurston, in the subgroup of the mapping class group generated by Dehn twists around two curves which fill, every element not conjugate to a power of one of the twists is pseudo-Anosov. We prove an analogue of this theorem for the outer automorphism group of a free group.

This is joint work with Matt Clay.