

**John Pardon**

*Title: Structural results in wrapped Floer theory*

Abstract: I will discuss results relating different partially wrapped Fukaya categories. These include a Künneth formula, a ‘stop removal’ result relating partially wrapped Fukaya categories relative to different stops, and a gluing formula for wrapped Fukaya categories. The techniques also lead to generation results for Weinstein manifolds and for Lefschetz fibrations. The methods are mainly geometric, and the key underlying Floer theoretic fact is an exact triangle in the Fukaya category associated to Lagrangian surgery along a short Reeb chord at infinity. This is joint work with Sheel Ganatra and Vivek Shende.