Talk Title: Embedding spaces of split links

Abstract: This is joint work with Corey Bregman. We study the homotopy type of embedding spaces of unparameterised links, inspired by work of Brendle and Hatcher. Our main innovation is a semi-simplicial space of separating spheres, which is a combinatorial object that provides a gateway to studying the homotopy type of embedding spaces of split links via the homotopy type of their individual pieces. In this talk I will discuss an application of this tool: to find a simple description of the fundamental group of the embedding space.