## PATRICK NAYLOR, McMaster University

Four-dimensional Murasugi sum

In this talk, I will describe different constructions of spanning solids for knotted surfaces in the 4-sphere, several of which will use a 4-dimensional analogue of Murasugi sum. In particular, I will describe notions of arborescent surface-links and state solids for broken surface diagrams. There will be lots of examples and pictures!