## SOPHIE SPIRKL, University of Waterloo

A complete multipartite basis for the chromatic symmetric function

The complete multipartite basis  $r_{\lambda}$  for symmetric functions was introduced by Penaguiao. In this talk, I will tell you why this basis is interesting, and give a combinatorial interpretation for the  $r_{\lambda}$ -coefficients of the chromatic symmetric function. Joint work with Logan Crew.