Jonathan Cutler, Jamie Radcliffe* (jamie.radcliffe@unl.edu) and Charles Tomlinson.

The Friendship Paradox and Homomorphism Counting Inequalities.

I will discuss a number of homomorphism counting inequalities that arise in connection with Feld's Friendship Paradox (that, on average, your friends have more friends than you do). There are connections to Sidorenko's Conjecture and to other extremal problems for homomorphism counts. (Received February 02, 2017)