February 17, 2015: Ivan Loseu (Northeastern), "Cacti and cells."

Let W be a Weyl group. To W one can assign its cactus group that should be thought as a crystal analog of the braid group. I will construct an action of the cactus group on W that is nicely compatible with Kazhdan-Lusztig cells. A motivation for this comes from a new conjectural approach to cells due to Bonnafé and Rouquier.

The talk is based on `http://arxiv.org/abs/1506.04400`