Combinatorics Seminar

Friday November 2, 2012 at 2PM

Room MS.03

Felipe Rincón

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Tropical linear spaces, matroid polytopes, and applications

I will explain some of the basic theory of tropical linear spaces, their connection to matroid polytopes, and the very nice combinatorics they satisfy. I will present some applications to computational commutative algebra, and I will show a similar picture for a more general class of matroids called Coxeter matroids.

warwick.ac.uk/combinatorics