1086-14-900   **Yoav Len*** (`yoav.len@yale.edu`), 10 Hillhouse Ave., 442 Dunham Lab, New Haven, CT 06511.
The Brill-Noether rank of a tropical curve.

The Brill-Noether rank of a tropical curve is an invariant analogous to the dimension of the Brill-Noether locus of an algebraic curve. In this talk, I will show that the Brill-Noether rank varies upper semicontinuously in families of tropical curves of a fixed genus and introduce a specialization lemma realting the Brill-Noether rank of a tropical curve with the dimension of the Brill-Noether locus of an algebraic curve. (Received September 22, 2012)