YOAV LEN, University of Waterloo *A tropical Clifford's theorem*

I will discuss several tropical versions of classical results concerning special divisors on curves. I will show that tropical curves, and more generally metrized complexes, satisfy Clifford's theorem in its full generality. That is, having a special divisor whose rank equals half the degree is not only necessary, but in fact sufficient for hyperellipticity. I will consider other classical characterizations for hyperellipticity, and show that they don't carry well into the tropical world. When a tropical curve is already known to be hyperelliptic, I will provide a full description of its special divisors.