1108-51-446   **Andrew Zimmer*** (`aazimmer@uchicago.edu`). *Gromov hyperbolicity and the Kobayashi metric.* The Kobayashi metric is a (possibly degenerate) metric defined for any complex manifold. It has the remarkable property that every holomorphic map is non-expansive with respect to this metric. This metric also appears frequently in differential geometry, for instance the Kobayashi metric on the unit ball is a model of complex hyperbolic space. In this talk I will discuss the geometry of the Kobayashi metric on open domains in $\mathbb{C}^n$ and in particular when the metric is Gromov hyperbolic. (Received January 19, 2015)