1059-30-130 **Zair Ibragimov*** (zibragimov@fullerton.edu), 154 McCarthy Hall 154, 800 N. State College Blvd., Fullerton, CA 92831. *A hyperbolic characterization of ultrametric spaces.*

It is known that the boundary at infinity of metric trees as well as more general Gromov 0-hyperbolic spaces are complete bounded ultrametric spaces when equipped with a visual metric. In this talk we will discuss the converse of this statement. Namely, we show that every complete perfect ultrametric space arises as the boundary at infinity of both a Gromov 0-hyperbolic space as well as a metric tree. (Received February 21, 2010)