1021-57-130 **Howard Masur*** (masur@math.uic.edu), Department of Mathematics, University of Illinois at Chicago, 851 S. Morgan, Chicago, IL 60607, and **Saul Schleimer**. *Hyperbolicity in the arc and disk complex.* Preliminary report.

There are several complexes that naturally occur in low dimensional topology. Among these are the arc complex of a surface with boundary, and the disk complex associated to a handlebody. Each of these has a natural embedding in the curve complex of the surface. The embeddings turn out not to be a quasi-isometric. We will discuss this phenomenon and the following theorem Theorem: The arc complex and disk complex are Gromov hyperbolic spaces. (Received September 01, 2006)