1105-51-333   **Dane P. Mayhook*** (`dmayhook@math.fsu.edu`), Department of Mathematics, 1017 Academic Way, Tallahassee, FL 32306. *Conformal Tilings & Type.* Preliminary report.

This talk will introduce the type problem in the context of conformal tilings. The combinatorics underlying a conformal tiling are often given by an expansion complex associated with a finite subdivision rule. Bowers & Stephenson have shown that if a subdivision rule τ with one face type is dihedrally symmetric (plus other mild conditions), then the conformal tiling for any expansion complex associated to τ is of parabolic type–that is, it tiles the plane $\mathbb{C}$. I will discuss some of the machinery behind this result, and a generalization to the case where τ is merely rotationally symmetric. (Received September 23, 2014)