

1116-52-1726 **Andrea Young***, younga@ripon.edu. *Canonical metrics on the Pentachoron.*

In this talk, we will discuss canonical metrics on the pentachoron, or 5-cell, which can be given the structure of a triangulated piecewise-flat 3-manifold. In particular, we will discuss a notion of conformal equivalence of metrics with the goal of providing numerical evidence that a discrete Yamabe problem can be solved on this manifold. (Received September 21, 2015)