1042-20-160   **Kim Ruane*** (`kim.ruane@tufts.edu`), **Adam Piggott** (`ap030@bucknell.edu`) and **Genevieve Walsh** (`genevieve.walsh@tufts.edu`). *A Geometric Model for* $\mathrm{Aut}(\mathrm{F}_2)$. Preliminary report.

We prove that $\mathrm{Aut}(\mathrm{F}_2)$, the full automorphism group of the free group on two generators, acts faithfully and geometrically on a CAT(0) space. (Received August 18, 2008)