Mladen Bestvina, Kai-Uwe Bux and Dan Margalit\* (margalit@math.utah.edu),
Department of Mathematics, 155 S 1440 East, Salt Lake City, UT 84112. Dimension of Torelli groups.

We present results concerning the cohomological dimensions of the classical Torelli group and the Torelli group for  $Out(F_n)$ . (Received September 16, 2006)