

**Meeting:** 998, Houston, Texas, SS 7A, Special Session on Low Dimensional Topology

998-57-314            **Daryl Cooper** ([cooper@math.ucsb.edu](mailto:cooper@math.ucsb.edu)), Department of Mathematics, University of California, Santa Barbara, Santa Barbara, CA 93106, and **Genevieve Walsh\*** ([gwalsh@math.utexas.edu](mailto:gwalsh@math.utexas.edu)), Department of Mathematics, University of Texas at Austin, 1 University Station/C1200, Austin, TX 78712. *Virtually Haken fillings of knot complements*. Preliminary report.

Let  $K$  be a non-trivial knot in  $S^3$  such that the complement  $S^3 - K$  is fibered. We show that infinitely many fillings of  $S^3$  along  $K$  are virtually Haken manifolds. Combining this with a result of Cooper and Long proves that infinitely many fillings of any non-trivial knot complement are virtually Haken. (Received March 01, 2004)