

Meeting: 1003, Atlanta, Georgia, AMS CP 1, AMS Contributed Paper Session

1003-55-565 **Jacqueline A Jensen*** (jensen@shsu.edu), Sam Houston State University, Dept. of Math. and Stat., Box 2206, Huntsville, TX 77341, and **Jens Harlander** (jens.harlander@wku.edu), Mathematics Department, Western Kentucky University, 1 Big Red Way, Bowling Green, KY 42101. *Two-Complexes with Aspherical Fundamental Group*. Preliminary report.

The homotopy classification for 2-complexes is complete only when the fundamental group is finite or free. Somewhat isolated is the work of Martin Dunwoody who studied homotopy types of 2-complexes where the fundamental group is the trefoil group, where he constructed homotopy inequivalent 2-complexes one level above the minimal possible Euler characteristic. We take a new look at Dunwoody's work and present generalizations to groups containing the trefoil knot group as a retract. (Received September 22, 2004)