1041-53-143 Carla Farsi* (carla.farsi@colorado.edu), Department of Mathematics, University of Colorado, Boulder, CO 80309-0395, and Christopher Seaton. Orbifold Sectors and Applications. Preliminary report.

In this talk I will introduce the notion of orbifold sectors. I will also outline some applications of the sectors to the study of the analysis and spectral theory of orbifolds. (Received August 08, 2008)