**ANDREW NICAS**, McMaster University
*Hochschild homology relative to a family of groups*

We define the Hochschild homology groups of a group ring $ZG$ relative to a family of subgroups $F$ of $G$. These groups are the homology groups of a space which can be described as a homotopy colimit, or as a configuration space, or, in the case $F$ is the family of finite subgroups of $G$, as a space constructed from stratum preserving paths.

This is joint work with David Rosenthal (St. John's University, Jamaica, NY).