1077-55-2305   **Matthew J. K. Gelvin***, Universitetsparken 5, DK-2100 København Ø, Denmark, and **Kári Ragnarsson**. *A homotopical version of p-local finite groups.* Preliminary report.

A p-local finite group is an algebraic model for the p-completed classifying space of a finite group. Miller conjectured that such spaces could be understood as a homotopical phenomenon, in terms of maps between a given space and the classifying space of a finite p-group. In this talk we will describe these concepts in more detail and give an outline of a proof of Miller's conjecture. (Received September 22, 2011)