TOPOLOGY SEMINAR

Michele Intermont (Kalamazoo)

Approximately π_n:
a survey of A-cellular theory

Tuesday, February 12th, 4:00pm, in 383-N

Abstract: For a pointed topological space A, an A-cellular space is one which can be built from A and its suspensions just as CW complexes are built using spheres. We'll survey some results in this theory of cellularization and the connections between cellularization and Bousfield periodization (localization). In particular, we'll provide a measure of how difficult it is to approximate a space by an A-cellular space.