Topology Seminar

Gijs Heuts

of Utrecht University will be speaking on

Periodic unstable homotopy theory and Hopf algebras

on February 27 at 4:30 in
MIT Room 2-131

I'll discuss some questions arising from Bousfield's work on localizations of unstable homotopy theory, particularly on the relation between v_n-periodic homotopy groups and $T(n)$-homology. I will indicate how the structure theory of spectral Hopf algebras plays a role in understanding the answers, although much remains to be done. Part of this is based on ongoing joint work with Brantner, Hahn, and Yuan.