Title:
Localizations of Morava E-theory

Abstract:
Height n Morava E-theory is a representation in homotopy theory of the deformation space of a height n formal group. In the K(t)-localizations of E-theory, for t < n, the height of this formal group is forced to decrease; we present a modular description of these localizations, using ideas from the theory of higher local fields. This leads to a theory of the behavior of power operations under chromatic localization.