1147-11-528 **Francesc Castella*** (fcabello@math.princeton.edu) and **Carl Wang-Erickson**. *Class groups and local indecomposability for non-CM forms.*

In the late 1990s, R. Greenberg (and independently, R. Coleman) asked for a global characterization of those p-ordinary cuspidal eigenforms of weight $k > 1$ whose associated p-adic Galois representation becomes decomposable upon restriction to a decomposition group at p. It is expected that such p-ordinary eigenforms are precisely those with complex multiplication by an imaginary quadratic field in which p splits. In this talk, we will explain a proof that this is indeed the case for forms which are congruent to one with CM, provided that a certain class number is p-indivisible. Based on joint work with Carl Wang-Erickson. (Received January 25, 2019)