Abstract:

I will discuss a classification of the mod-p representations (i.e., of representations with coefficients in an algebraic closure of $F_p$) of the metaplectic double cover of a p-adic symplectic group. I'll review techniques from the mod-p representation theory of p-adic reductive groups, and explain how to modify them in order to classify representations of covering groups. This is joint work with Karol Koziol.