Abstract:

I will discuss a classification of the mod-$p$ representations (i.e., of representations with coefficients in an algebraic closure of $\mathbb{F}_p$) 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.