

Number Theory Seminar

Irreducibility and p -adic monodromies on the Siegel moduli spaces

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ABSTRACT: In this talk, we will introduce Siegel moduli spaces with parahoric level structure and the Kottwitz-Rapoport stratification. We will discuss the number of irreducible components of the moduli spaces as well as those of some subvarieties, notably of some p -rank strata. For Siegel 3-folds, a more detailed description on the geometry of the Kottwitz-Rapoport strata will be given.

Date: Friday, 27.04.2007 at 14.15pm

Place: HWZ (HG G43)

G. Wüstholz