Speaker :Sara Arias-de-ReynaTitle :On a conjecture of Geyer-Jarden about abelian varieties over.finitely generated fields.

Abstract : Let A be an abelian variety defined over a finitely generated field K. Around 1978 W-D. Geyer and M. Jarden proposed a conjecture about the torsion points of A that are defined over certain infinite algebraic extensions of K. In this talk we will show that this conjecture holds when A has big monodromy. This is a joint work with W. Gajda and S. Petersen.