

Speaker: F. Voloch

Title: The Brauer-Manin obstruction for curves

Abstract:

I will discuss the conjecture that the Brauer-Manin obstruction is the only obstruction for the Hasse principle for curves and its reformulations in terms of Adelic points by Scharaschkin and in terms of covers by Stoll. I will also sketch the proof, due to Poonen and myself, of the conjecture in the function field case. If time permits I'll also discuss a dynamical analog.