

Speaker: Henri Darmon

Title: Generalised Kato classes, Stark-Heegner points and the Birch and Swinnerton-Dyer Conjecture

Abstract: I will report on some recent progress on the Birch and Swinnerton Dyer conjecture (arising from work of Skinner-Urban, Wei Zhang, Venerucci, and others) and its application to the theory of "Stark-Heegner points" defined over ring class fields of real quadratic fields.