Séminaire de théorie des nombres

Le 26 avril à 14h

Exceptional zeros of the p-adic L-functions of modular forms

Exposé de Louisa Orton

Résumé : The exceptional zero conjecture (now a theorem of Stevens and Kato/Kurihara/Tsuji) relates the derivative of the p-adic L-function at a point where it has an exceptional zero to the value of the complex L-function. We discuss the application of a method of Henri Darmon to provide a more elementary proof of a version of this result.