

Séminaire de théorie des nombres

Le 16 juin 2008 à 14h

Modular forms and Galois representations over imaginary quadratic fields

Exposé de Tobias Berger (University of Cambridge)

Résumé : In joint work with Gergely Harcos I strengthened a result of Taylor on associating Galois representations to cuspforms over imaginary quadratic fields. I further present a result (joint with Kris Klosin) on the modularity of ordinary, residually reducible Galois representations of imaginary quadratic fields.