# Séminaire de théorie des nombres

## Le 26 octobre 2009 à 14h

# $R = T$ theorems for residually reducible Galois representations

## Exposé de Krzysztof Klosin (Université Paris Nord)

**Résumé :** We will present a new modularity result for residually reducible Galois representations of imaginary quadratic fields. We will discuss the method of the proof and its possible extension that would allow one to prove $R = T$ theorems in analogous higher-dimensional situations. This is joint work with T. Berger.