ID de Contribution: **9**   Type: **Non spécifié**

Hilbert modular eigenvariety at exotic and CM classical points of parallel weight one

jeudi 25 avril 2019 15:30 (1 heure)

We sketch our recent results about the geometry of the p-adic eigenvariety constructed by Andreatta-Iovita-Pilloni, which interpolates Hilbert modular eigenforms over a totally real field F, at classical, regular points of parallel weight one which either are CM or have exotic projective image. To prove these results, we assume the p-adic Schanuel conjecture in most of the cases. The key ingredient in our proof is calculation of the dimension of the tangent spaces of some Galois deformation problems. This talk is based on joint work with A. Betina and F. Fite.

Orateur: DEO, Shaunak