

## **Harmonic families of automorphic representations**

Nicolas Templier, Princeton University

We consider families of automorphic representations on reductive groups. We establish a quantitative Plancherel equidistribution theorem for the local parameters of these families. The theorem is strong enough to apply to the Katz-Sarnak heuristics on zeros of L-functions. This is joint work with Sug-Woo Shin.