

Séminaire Groupes Réductifs et Formes Automorphes

Le 1 octobre 2018 à 10h30 (PRG)

Geometry of Kottwitz-Viehmann varieties.

Exposé de Jingren Chi
(Orsay)

Résumé :

Kottwitz-Viehmann varieties are certain analogues of affine Springer fibers that show up when studying orbital integrals of spherical Hecke functions on a p -adic reductive group. We will explain the current state of knowledge about its basic geometric properties, including a dimension formula and a conjectural description of its number of irreducible components.