Séminaire Groupes Réductifs et Formes Automorphes

On the Langlands-Shahidi method for Loop Groups.

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Résumé :

We begin by reviewing some of the main differences between automorphic forms on infinite dimensional loop groups (or affine Kac-Moody groups) and the usual finite-dimensional theory. After this, we will explain (mostly in the function field setting) a generalization of the Langlands-Shahidi method that aims to analyze L-functions of finite-dimensional groups via Eisenstein series on infinite-dimensional ones.