

February 7: Job Kuit (Paderborn), *H-fixed distribution vectors for the principal series of a spherical homogeneous space G/H .*

Let G be a reductive group and H a closed subgroup. The homogeneous space G/H is called *spherical* if a minimal parabolic subgroup has an open orbit in G/H . I will discuss some aspects of the most continuous part of the Plancherel decomposition and the construction of H -fixed distribution vectors for principal series representations of a spherical homogeneous space G/H .

The talk is based on work in progress together with Eitan Sayag.