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.