Title: *Dimension of the set of singular vectors*

Abstract: Singular vectors were defined by Khintchin in the twenties. Recently it has been proved by Yitwah Cheung that the Hausdorff dimension of the set of singular couples is $4/3$. In a joint work with Yitwah Cheung, we have proved that the Hausdorff dimension of the set of singular vectors in $\mathbb R^d$ is $\frac{d^2}{d+1}$. We will explain the proof of this formula with a special emphasis on best Diophantine approximations.