

This talk is intended to introduce a Representation-Theoretical setting to study and interpret asymptotic combinatorial patterns of set partitions;

Set partitions of  $\{1, \dots, n\}$  fully determine a *Supercharacter-Theory* for the finite unitriangular group  $U_n(\mathbb{F}_q)$  and we shall explore how set partitions relates to the representation theory of the infinite unitriangular group  $U_\infty(\mathbb{F}_q)$  by considering  $n \rightarrow \infty$ .

In particular we shall focus on the asymptotic behaviour of the Super-Plancherel measure **SPL** $_n$ .