Probabilistic Operator Algebra Seminar

Organizer: Dan-Virgil Voiculescu

September 14 **Marius Dadarlat**, Purdue University

Title: *Obstructions to matrix stability of discrete groups*

A discrete countable group is matricially stable if its finite dimensional approximate unitary representations are perturbable to genuine representations in the point-norm topology. We aim to explain in accessible terms why matricial stability for a group implies the vanishing of the rational even cohomology of G for large classes of groups, including the linear groups.