

**WORKSHOP ON APPLICATIONS OF DESCRIPTIVE SET  
THEORY TO FUNCTIONAL ANALYSIS**

**Monday.**

9:30am Dima Shlyakhtenko, Free monotone transport

11:00am Bradd Hart, Model theory of tracial von Neumann algebras

2:00pm Vern Paulsen, The Kadison–Singer problem

3:30pm Asger Törnquist, A Fraïssé-theoretic approach to the Paulsen Simplex

4:30pm Stuart White

**Tuesday.**

9:30am Simon Thomas, A descriptive view of unitary group representations

11:00am Stefaan Vaes,  $II_1$  factors with a unique Cartan decomposition.

2:00 Juris Steprans, Topological centres of group actions

3:30 David Kerr, Independence and entropy in topological dynamics

4:30 Ed Effros, Some personal reflections on QFA (Quantized Functional Analysis)

**Wednesday.**

9:00am Tristan Bice, Calculus of projections in  $C^*$ -algebras

10:15am Justin Moore, Spatial models of Boolean actions

11:15am Cyril Houdayer, A class of  $II_1$  factors with an explicit abelian amenable subalgebra

**Thursday.**

9:30am Jesse Peterson, Stabilizers of ergodic actions of lattices and commensurators

11:00am N. Christopher Phillips, Outer automorphisms of the Calkin algebra

2:00pm Problem session

3:30pm Alexandra Kwiatkowska, Boolean actions on groups of isometries

4:00pm Caleb Eckhardt, Amenable group  $C^*$ -algebras

4:30pm Martino Lupini, Non-classification of automorphisms of  $C^*$ -algebras up to unitary equivalence

5:00pm Hiroshi Ando, Finite-type Polish groups and Popa’s problem

**Friday.**

9:00am Todor Tsankov, Generic representations of abelian groups

10:30am Simon Wasserman, Factorial representations of nonseparable  $C^*$ -algebras