

Marius Dadarlat: *Invariants of continuous field C^* -algebras and applications to classification.*

George Elliott: *The Cuntz semigroup considered as a functor.*

- The category
- The functor
- Applications

Ilan Hirshberg: *$C(X)$ -algebras, D -absorption, and Rokhlin actions.*

Eberhard Kirchberg: *Spectra of non-simple algebras and classification of amenable strongly π algebras.*

- Cuntz semigroups of π algebras versus Spectra (here I use the primitive ideal spaces as Spectra).
- (Topological) Obstructions for the existence ideal-system preserving embeddings, liftings, or for existence of useful equivariant Kasparov bimodules.
- Some positive results and its applications.
- Related open questions, and partial answers.

Francesc Perera: *The Cuntz semigroup, the Corona Factorization Property, and completions of semigroups.*

Mikael Rørdam: *Purely infinite C^* -algebras – simple and non-simple.*

- Simple purely infinite C^* -algebras and their classification
- Basics about non-simple purely infinite C^* -algebras

Andrew Toms: *The Cuntz semigroup and its relation to classification.*

- Counterexamples
- Calculations for “nice” C^* -algebras
- The Cuntz semigroup and classification.

Wilhelm Winter: *Topological and algebraic regularity properties of nuclear C^* -algebras.*

- Introduction and motivation
- Decomposition rank and nuclear dimension
- Strongly self-absorbing C^* -algebras
- \mathcal{Z} -stability and pure finiteness
- Classification up to \mathcal{Z} -stability
- Application: Uniquely ergodic minimal dynamical systems