



The Structure of Amenable Systems

October 28 – November 4, 2004



MEALS

Breakfast (Continental): 7:00 – 9:00 am, 2nd floor lounge, Corbett Hall, Sunday – Thursday

*Lunch (Buffet): 11:30 am – 1:30 pm, Donald Cameron Hall, Sunday – Thursday

*Dinner (Buffet): 5:30 – 7:30 pm, Donald Cameron Hall, Saturday – Wednesday

Coffee Breaks: As per daily schedule, 2nd floor lounge, Corbett Hall

*Please remember to scan your meal card at the host/hostess station in the dining room for each lunch and dinner.

MEETING ROOMS

All lectures will be held in Max Bell 159 (Max Bell Building accessible by bridge on 2nd floor of Corbett Hall). Hours: 6 am – 12 midnight. LCD projector, overhead projectors and blackboards are available for presentations. Please note that the meeting space designated for BIRS is the lower level of Max Bell, Rooms 155-159. Please respect that all other space has been contracted to other Banff Centre guests, including any Food and Beverage in those areas.

SCHEDULE

Saturday, October 30

- 16:00 Check-in begins (Front Desk – Professional Development Centre - open 24 hours)
- 17:30-19:30 Buffet Dinner, Donald Cameron Hall
- 20:00 Informal gathering in 2nd floor lounge, Corbett Hall

Sunday, October 31

- 8:45-9:00 Introductory remarks by A. Lundquist
- 9:00-10:00 N. Christopher Phillips, The structure of crossed products by minimal homeomorphisms
- 10:00-10:30 Coffee
- 10:30-11:30 Narutaku Ozawa, Amenable boundaries of reduced free group C^* -algebras
- 11:40-12:10 Zhuang Niu, On the classification of some approximately subhomogeneous C^* -algebras
- 12:10-1:30 Lunch
- 1:30-2:30 Tour of Banff Centre
- 2:30-3:30 Takeshi Katsura, Quasidiagonality of quotients of homeomorphism C^* -algebras
- 3:30-4:00 Coffee
- 4:00-4:30 Dan Kucerovsky, Double commutants and corona algebras
- 4:40-5:10 Ping Wong Ng, When Stability is a stable property

Monday, November 1

- 9:00-10:00 Masaki Izumi, Quasifree finite group actions on the Cuntz algebra $O(\infty)$
- 10:00-10:30 Coffee
- 10:30-11:00 Benjamin Itza-Ortiz, Eigenvalues, K -theory, and minimal flows
- 11:10-11:40 Etienne Blanchard, Deformation of infinite projections
- 11:50-12:20 Cristian Ivanescu, On the classification of simple C^* -algebras which are inductive limits of continuous traces C^* -algebras
- 12:20-2:00 Lunch
- 2:00-3:00 Huaxin Lin, Approximate conjugacy for minimal dynamical systems
- 3:00-3:30 Coffee
- 3:30-4:00 Hiroki Matui, Minimal dynamical systems on the product of the Cantor set and the circle
- 4:10-4:40 Alexander Kumjian, Actions of direct sums of copies of the integers associated to higher rank graphs
- 4:50-5:20 Ilan Hirshberg, Representations of C^* -correspondences

Tuesday, November 2

- 9:00-10:00 Marius Dădărlat, On the topology of the Kasparov groups and its applications
10:00-10:30 Coffee
10:30-11:00 Hiroyuki Osaka, The tracial Rokhlin property for automorphisms of simple C^* -algebras of tracial rank zero
11:10-11:40 Rui Okayasu, Perturbations of operators and entropy of dynamical systems
11:50-12:20 Cornel Pasnicu, Continuous fields of Kirchberg C^* -algebras
12:20-2:00 Lunch
2:00-2:30 Simon Wassermann, Continuous bundles of C^* -algebras with discontinuous tensor product
2:40-3:10 David Kribs, Some recent progress on graph algebras
3:10-3:40 Coffee
3:40-4:10 Wilhelm Winter, On self-absorbing C^* -algebras
4:20-4:50 Ana Savu, Closed and exact functions in interacting particle systems
5:00-5:30 Florin Boca, The statistics of the linear flow on a punctured two-torus

Wednesday, November 3

- 9:00-9:30 Thierry Giordano, Minimal actions of \mathbb{Z}^2 on the Cantor set
9:40-10:10 Matthias Neufang, Quantization in abstract harmonic analysis
10:10-10:40 Coffee
10:40-11:10 Andrew Toms, Some notes on the structure of Villadsen algebras
11:20-11:50 Andrew Dean, Some classification theorems for inductive limit type C^* -dynamical systems

Thursday, November 4

- 8:30-9:00 Teresa Bates, C^* -algebras associated to labelled directed graphs
9:05-9:35 Toke Carlsen, On C^* -algebras of actions of inverse semigroups
9:40-10:10 Julian Buck, K -theory of noncommutative spheres arising from the hexic transform
10:10-10:30 Coffee
10:30-11:00 Christian Skau, Simplices of invariant probability measures associated to Cantor minimal systems
11:10-11:55 Soren Eilers, Automorphisms of purely infinite C^* -algebras with ideals