



Banff International Research Station

for Mathematical Innovation and Discovery

Operator Spaces and Group Algebras

August 19 – 24, 2007

MEALS

*Breakfast (Buffet): 7:00 – 9:00 am, Sally Borden Building, Monday – Friday

*Lunch (Buffet): 11:30 am – 1:30 pm, Sally Borden Building, Monday – Friday

*Dinner (Buffet): 5:30 – 7:30 pm, Sally Borden Building, Sunday – Thursday

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 meal.

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.

Sunday

16:00 Check-in begins (Front Desk – Professional Development Centre - open 24 hours)

Lecture rooms available after 16:00 (if desired)

17:30-19:30 Buffet Dinner, Sally Borden Building

20:00 Informal gathering in 2nd floor lounge, Corbett Hall (if desired)

Beverages and small assortment of snacks available on a cash honour-system.

Monday

7:00-8:45 Breakfast

8:45-9:00 Introduction and Welcome to BIRS by BIRS Station Manager, Max Bell 159

9:00-9:50 E. Effros: Quantized functional analysis and quantum information theory

10:00-10:30 Coffee Break, 2nd floor lounge, Corbett

10:30-11:20 G. Pisier: Similarity, length and amenability I

11:20 Group Photo; meet on the front steps of Corbett Hall

11:30-13:00 Lunch

14:00-14:50 M. Bozejko: Completely positive and completely bounded maps on the Coxeter groups with applications

15:00- 15:30 Coffee Break, 2nd floor lounge, Corbett Hall

15:30-16:20 M. Neufang: A representation for locally compact quantum groups

16:30-17:20 N. Spronk: Operator space structure on Feichtinger's Segal algebra

17:20-18-20 Y. Zhang: Generalized notions of amenability for Segal algebras

18:30-19:30 Dinner

Tuesday

9:00-9:50 M. Dadarlat: Amenable groups and finite dimensional approximations

10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall

10:30-11:20 C. Anantharaman-Delaroche: Several aspects of amenability for groupoids

11:30-12:20 E. Guentner: Weak amenability of CAT(O) cubical groups

12:30-13:30 Lunch

14:00-14:50 R. Archbold: Real rank and stable rank of group C^* algebras
15:00- 15:30 Coffee Break, 2nd floor lounge, Corbett Hall
15:30-16:20 V. Runde: The canonical operator space structure for $Ap(G)$
16:30-17:20 M. Monfared: Some properties of character amenable Banach algebras
18:30-19:30 Dinner

Wednesday

9:00-9:50 G. Pisier: Similarity, length and amenability II
10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall 10:30-11:20 B. Bekka
10:30-11:20 B. Bekka: Operator algebraic rigidity of higher rank lattices
11:30-12:20 N. Ozawa: Rigidity for profinite actions of free groups
12:30-13:30 Lunch
17:30-19:30 Dinner

Thursday

9:00-9:50 V. Paulsen: Projectivity and injectivity in topology and analysis
10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall
10:30-11:20 L. Turowska: Multidimensional operator multipliers
11:30-12:20 A. Valette: The Haagerup property for wreath products

12:30-13:30 Lunch
14:00-14:50 E. Kirchberg: Matricially operator-convex cones and classification of
non-simple algebras
15:00- 15:30 Coffee Break, 2nd floor lounge, Corbett Hall
15:30-16:20 R. Smith: Normalizers of irreducible inclusions of subfactors
16:30-17:20 K. Dykema: Horn's inequalities and Connes' embedding problem
18:30-19:30 Dinner

Friday

9:00-9:50 M. Leinert: Symmetry and GRS-conditions revisited
10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall and check out
10:30-11:20 E. Samei: Convolution on compact groups and Fourier algebras of coset spaces
11:30-12:20 G. Dales: Weighted convolution algebras on the rationals
12:30-13:30 Lunch

Checkout by 12 noon.

** 5-day workshops are welcome to use the BIRS facilities (2nd Floor Lounge, Max Bell Meeting Rooms, Reading Room) until 3 pm on Friday, although participants are still required to checkout of the guest rooms by 12 noon. **