



# Banff International Research Station

for Mathematical Innovation and Discovery

## Discrete-time Graph Processes and Games

May 26 and 27, 2007

### MEALS

- \*Dinner (Buffet): 5:30 – 7:30 pm, Donald Cameron Hall, Friday & Saturday (*included in workshop*)
- \*Breakfast (Buffet): 7:00 – 9:00 am, Donald Cameron Hall, Saturday & Sunday (*included in workshop*)
- \*Lunch (Buffet): 11:30 am – 1:30 pm, Donald Cameron Hall, Saturday & Sunday (*included in workshop*)
- Coffee Breaks: As per daily schedule, 2<sup>nd</sup> floor lounge, Corbett Hall (*included in workshop*)
- \*Please remember to scan your meal card at the host/hostess station in the dining room for each breakfast.**

*\*\*For other meal options at The Banff Centre, there are also buffets in Gooseberry's Deli, located in the Sally Borden Building, and The Kiln Cafe, located beside Donald Cameron Hall. There are also plenty of restaurants and cafes in the town of Banff, a 10-15 minute walk from Corbett Hall. \*\**

### MEETING ROOMS

All lectures will be held in Max Bell 159, which is available 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

#### Friday

- 16:00** Check-in begins (Front Desk – Professional Development Centre - open 24 hours)  
Lecture rooms available after 16:00.
- 17:30-19:30** Dinner available, as noted above
- 19:30** Optional informal gathering in 2<sup>nd</sup> floor lounge, Corbett Hall,  
Beverages and small assortment of snacks available in lounge on a cash honour-system.  
Possible walk into the town of Banff

#### Saturday

- 7:00-8:30** Breakfast
- 8:30** Talks:
  - 8:30, John Goldwasser, *Eternal domination*
  - 9:00, Bert Hartnell, *Labelling and edge deletion games on graphs*
  - 9:30, Xuding Zhu, *Colouring games on graphs*
  - 10:00, Richard Nowakowski, *Open problems*
- 10:30** Coffee Break, 2<sup>nd</sup> floor lounge, Corbett Hall, followed by unstructured time to talk and work
- 12:15** Lunch
- 13:30** Talks
  - 13:30, Danny Dyer, *Edge-searching*
  - 14:00, Leizhen Cai, *The Firefighter problem*
  - 14:30, Anthony Bonato, *The cop number of stochastic network models*
  - 15:00, Peter Dukes, *Permutation avoidance games on comparability digraphs*
- 15:30** Coffee Break, 2<sup>nd</sup> floor lounge, Corbett Hall, followed by unstructured time to talk and work
- 18:00** Dinner

**Sunday**

**7:00-9:00** Breakfast  
**9:00** Talks

9:00, Ernie Cockayne, *Secure total domination*

9:30 Shannon Fitzpatrick, *Partitioning cubes into isometric paths*  
(*Cops and Robber*)

10:00, Richard Guy, *Splitting games and period patterns*

**10:30** Coffee break, 2<sup>nd</sup> floor lounge, Corbett Hall, followed by unstructured time to talk and work

**Checkout by 12 noon.**

\*\* 2-day workshops are welcome to use the BIRS facilities (2<sup>nd</sup> Floor Lounge, Max Bell Meeting Rooms, Reading Room) until 15:00 on Sunday, although participants are still required to checkout of the guest rooms by 12 noon. There is no coffee break on Sunday afternoon, but self-serve coffee and tea are always available in the 2<sup>nd</sup> floor lounge, Corbett Hall. \*\*