

Self-Stabilizing Distributed Systems

October 2 - October 7, 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

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

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

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

Sunday

7:00-8:45 Breakfast

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

9:00- 10:00 Anish Arora: *Self-stabilizing Sensor Networks*

10:15-10:45 Coffee Break, 2nd floor lounge, Corbett Hall

10:45-11:30 Uri Abraham: *Self-Stabilizing TimeStamps*

11:30-13:30 Lunch

13:30-14:30 Guided Tour of The Banff Centre; meet in the 2nd floor lounge, Corbett Hall

14:30-15:30 Shlomi Dolev: *A Way to Lead the Self* Initiatives*

15:30-16:00 Coffee Break, 2nd floor lounge, Corbett Hall

16:00-16:45 Toshimitsu Masuzawa: *Self-Stabilizing Link-Coloring Resilient to Byzantine Faults*

16:45-17:30 Mikhail Nesterenko: *Secure Location Verification and Stabilization*

17:30-19:30 Dinner

20:00 Informal gathering in 2nd floor lounge, Corbett Hall (or jet-lag recovery)

Monday

- 7:00-9:00 Breakfast
9:00-10:00 Christian Boulinier: *When Graph Theory Helps Self-stabilization*
10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall
10:30-11:15 Mohamed Gouda: *Sentries and Sleepers in Sensor Networks*
11:15 Group Photo; meet on the front steps of Corbett Hall
11:30-13:30 Lunch
13:30 -14:15 Alina Bejan: *Designing Self-Optimizing DHTs using Request Profiling*
14:15-15:00 Fredrik Manne: *Efficient Generic Multi-Stage Self-Stabilizing Algorithms for Trees*
15:00-15:30 Coffee Break, 2nd floor lounge, Corbett Hall
15:30-16:15 Murat Demirbas: *Designing and Implementing Self-stabilizing Algorithms for Wireless Sensor Networks*
16:15-17:00 Shing-Tsaan Huang: *A memory-efficient, self-stabilizing algorithm for constructing spanning trees*
17:30-19:30 Dinner
20:00 - ?? Rump Session: open problems

Tuesday

- 7:00-9:00 Breakfast
9:00 -10:15 Debate/Discussion on the future of Self-stabilization research
10:15-10:45 Coffee Break, 2nd floor lounge, Corbett
10:45-11:30 Ted Herman: *Self-Stabilization and Fault-Containment of Clock Synchronization*
11:30-13:30 Lunch
13:30-17:30 Free Afternoon --- open to explore Banff and its surroundings
17:30-19:30 Dinner
20:00 - ?? Rump Session: informal reports and open problems

Wednesday

- 7:00-9:00 Breakfast
9:00-10:00 Chen Zhang: *Reliable-stabilizing PIF in tree networks*
10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall
10:30-11:15 Elad Schiller: *Self-Stabilizing Group Communication*
11:30-13:30 Lunch
13:30-14:15 Olga Brukman: *Self Stabilizing Autonomic Recoverers*
14:15-15:00 Hongwei Zhang: *Continuous Fault-containment and Local Stabilization in Path-vector Routing*
15:00-15:30 Coffee Break, 2nd floor lounge, Corbett
15:30:16:15 Sebastien Tixeuil: *On Self-stabilization and Wireless Sensor Networks*
16:15 -17:30 Yoshiaki Katayama: *Yet another self-stabilizing algorithm for load balancing on rooted trees*
17:30-19:30 Dinner

Thursday

- 7:00-9:00 Breakfast
9:00-9:45 Shmuel Zaks: *On design problems in ATM and optical networks*
9:45-10:30 open for now
10:30-11:00 Coffee Break, 2nd floor lounge, Corbett Hall
11:00-11:30 TBA
11:30-13:30 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 4 pm on Thursday, although participants are still required to checkout of the guest rooms by 12 noon. **