

Lower Bounds for Distributed Computing

January 25-30, 2009

FINAL SCHEDULE

Sunday

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

Monday

- 7:00–9:00** Breakfast
9:00–9:15 Introduction and Welcome to BIRS by Brenda Williams, BIRS Station Manager, room 156 Max
9:15–10:30 Seth Gilbert, On the Complexity of Asynchronous Gossip
10:30–11:00 coffee break
11:00–12:15 Mihai Patrascu, Upper and Lower Bounds for the Nearest Neighbour Problem in ℓ_∞ (String Workshop Talk)
12:15–13:00 Lunch
13:00–14:15 optional guided tour of the Banff Centre: meet in the 2nd floor lounge
14:15–15:30 Philipp Woelfel, Tight Lower Bounds for Greedy Routing in Uniform Small World Rings
15:30–15:40 group photo: meet on the front steps of Corbett Hall
15:40–16:00 coffee break
16:00–17:00 Pierre Fraigniaud, Distributed Computing with Advice
17:00–18:00 discussion
18:00–19:30 Dinner

Tuesday

- 7:00–9:00** Breakfast
9:00–10:00 Michael Ben-Or, Quantum Byzantine Agreement and Coin Flipping
10:00–10:15 coffee break
10:30–11:30 Valerie King, Scalable Consensus
11:30–12:30 Keren Censor, Lower Bounds for Asynchronous Randomized Consensus under Strong and Weak Adversaries
12:30–13:30 Lunch
13:30–14:30 Seth Gilbert, Lower Bounds for k-set Agreement
14:30–15:00 coffee break
15:00–16:15 Petr Kuznetsov, Determining the Weakest Failure Detectors for Distributed Computing Problems
16:15–17:15 Eric Ruppert, Population Protocols
17:30–19:30 Dinner

Wednesday

- 7:00–9:00** Breakfast
9:00–10:00 Sergio Rajsbaum, Combinatorial Topology and Distributed Computing
10:00–10:30 coffee break
10:30–11:30 Sergio continued
11:30–12:00 Armando Castaneda, A New Lower Bound for Renaming
12:15–13:15 Lunch
Afternoon for outdoor activities
17:30–19:30 Dinner

Thursday

7:00–9:00 Breakfast
9:00–10:00 Eric Ruppert, Covering Arguments and Timestamps
10:00–10:30 coffee break
10:30–12:00 Jim Aspnes, Max Registers, Counters, and Randomized Covering Arguments
12:15–13:30 Lunch
13:45–14:45 Rui Fan, A Tight Time Lower Bound for Mutual Exclusion
14:45–15:15 Philipp Woelfel, Tight RMR Lower Bounds for Mutual Exclusion
15:15–15:45 coffee break
15:45–17:00 Armando continued
17:00–17:30 Sergio continued
17:30–19:30 Dinner

Friday

7:00–9:30 Breakfast
9:30–10:30 discussion
10:30–11:00 coffee break
11:00–12:00 discussion
12:00–13:30 Lunch
Checkout by 12 noon.