

Geometric and Topological Graph Theory

29th September to 4th October 2013.

Breakfast (buffet): 7:00–9:30 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, in the foyer of the TransCanada Pipeline Pavilion (TCPL)

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

All lectures will be held in the lecture theater in the TransCanada Pipelines Pavilion (TCPL). An LCD projector, a laptop, a document camera, and blackboards are available for presentations.

Sunday

4:00 check-in begins (front desk - Professional Development Centre - open 24 hours)
5:30–7:30 buffet dinner, Sally Borden building
8:00 informal gathering in 2nd floor lounge, Corbett Hall
(beverages and a small assortment of snacks are available on a cash honor system).

Monday

7:00–8:45 breakfast
8:45–9:00 introduction and welcome by BIRS station manager, TCPL
9:00–10:00 5-min presentations
10:00–10:30 coffee break, TCPL
10:30–11:30 5-min presentations
11:30–1:00 lunch
1:00–2:00 guided tour of the Banff Centre; meet in the 2nd floor lounge, Corbett Hall
2:00 group photo (outdoors so a jacket might be required); meet in foyer of TCPL
2:30–3:00 coffee break, TCPL
3:00–5:30 5-min presentations
5:30–7:30 dinner

Tuesday

7:00–9:00 breakfast
9:00–10:00 **Jacob Fox**, “Minors of matrices”
10:00–10:30 coffee break, TCPL
10:30–11:00 **Alex Scott**, “Hypergraphs of bounded disjointness”
11:00–11:30 **Bruce Reed**, “Length of a longest cycle in a grid”
11:30–1:30 lunch
1:30–2:30 **Eli Berger**, “Relation between the maximal degree of a graph and the topological connectivity of its independence complex”
2:30–3:00 **Penny Haxell**, “Extremal hypergraphs for Ryser’s conjecture”
3:00–3:30 coffee break, TCPL
3:30–4:00 **Sergey Norin**, “Turan’s brickyard problem and flag algebras”
4:00–5:30 crossing numbers session (**Bojan Mohar**, **Radoslav Fulek**, others??)
5:30–7:30 dinner

Wednesday

7:00–9:00	breakfast
9:00–10:00	Zdenek Dvorak , “Coloring graphs on surfaces”
10:00–10:30	coffee break, TCPL
10:30–11:00	Alexandr Kostochka , “Planar 4-critical graphs with exactly 4 triangles”
11:00–11:30	Luke Postle , “3-coloring and 3-list-coloring graphs on surfaces”
11:30–1:30	lunch
afternoon:	free
5:30–7:30	dinner

Thursday

7:00–9:00	breakfast
9:00–10:00	Zhentao Li , “Intersection graphs of axis parallel rectangles and Scott’s conjecture”
10:00–10:30	coffee break, TCPL
10:30–11:00	Janos Pach , “Incidence results on the plane and distinct distances”
11:00–11:30	Geza Toth , “The Erdos-Szekeres theorem for lines”
11:30–1:30	lunch
1:30–2:30	David Wood , “Tree decompositions on surfaces with applications”
2:30–3:00	Mark Ellingham , “Partial duality for graph embeddings”
3:00–3:30	coffee break, TCPL
3:30–4:00	Matthieu Plumettaz , “Graphs with no 0 mod 3 cycles”
4:00–4:30	Peter Whalen , “Odd $K_{3,3}$ subdivisions in bipartite graphs”
4:30–5:00	Chun-Hung Liu , “Structure theorems and well-quasi-ordering”
5:00–5:30	Paul Seymour , “Variants of Woodall’s conjecture”
5:30–7:30	dinner

Friday

7:00–9:00	breakfast
9:00–??	informal discussions
10:00–10:30	coffee break, TCPL
11:30–13:30	lunch

On Friday, please checkout of the guest rooms by 12 noon. Participants are welcome to use the BIRS coffee lounge, TCPL and reading room until 3 pm.