



Banff International Research Station

for Mathematical Innovation and Discovery

Graph Minors September 28 – October 3

MEALS

*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, 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 walkway on 2nd floor of Corbett Hall). 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

Sunday(9/28)

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

Monday(9/29)

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| 7:00–8:45 | Breakfast |
| 8:45–9:00 | Introduction and Welcome to BIRS by BIRS Station Manager, Max Bell 159 |
| 9:00–10:15 | 5 minutes announcements. |
| 10:15–10:30 | Coffee Break, 2nd floor lounge, Corbett Hall |
| 10:30–12:15 | 5 minutes announcements. |
| 12:15–14:30 | Lunch |
| 13:00–14:00 | Guided Tour of The Banff Centre; meet in the 2nd floor lounge, Corbett Hall |
| 14:30–15:30 | Coffee Break, 2nd floor lounge, Corbett Hall. |
| 15:30–16:00 | Paul Seymour Well-quasi-ordering degree sequences and well-quasi-ordering tournaments by immersion |
| 16:00–16:30 | Maria Chudnovsky $K_{2,t}$ minors in dense graphs |
| 16:30–17:00 | David Wood The Structure of Cartesian Products |
| 17:00–18:00 | Stephan Kreutzer Tutorial talk: Logic aspect of Graph Minor Theory |
| 18:00–19:30 | Dinner |
| 20:00– | Informal gathering in 2nd floor lounge, Corbett Hall Beverages and small assortment of snacks available on a cash honour-system. |

Tuesday(9/30)

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| 7:00–9:00 | Breakfast |
| 9:00–9:30 | Dimitrios M. Thilikos Approximating Acyclicity Parameters of Sparse Hypergraphs |
| 9:30–10:00 | Bruno Courcelle Graph Transformations expressed in logic and applications to structural graph theory |
| 10:00–10:30 | Coffee Break, 2nd floor lounge, Corbett Hall |
| 10:30–12:00 | Discussion Group: Graph Width Parameter Convenor: Sang-il Oum Tentative speakers: Bruno Courcelle, Fedor Fomin, Sang-il Oum |
| 12:00 | Group Photo; meet on the front steps of Corbett Hall |
| 12:05–14:30 | Lunch |
| 14:30–15:30 | Coffee Break, 2nd floor lounge, Corbett Hall. |
| 15:30–16:00 | Guoli Ding The degenerate value of classes of graphs |
| 16:00–16:30 | Xingxing Yu Judicious partitions of graphs |
| 16:30–18:00 | Discussion Group: Graphs on Surfaces Convenor: Bojan Mohar Tentative speakers: Bruce Richter, Zdenek Dvorak, Gasper Fijavz. |
| 18:00–19:30 | Dinner |
| 20:00– | Informal gathering in 2nd floor lounge, Corbett Hall Beverages and small assortment of snacks available on a cash honour-system. |

Wednesday(10/1)

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| 7:00–9:00 | Breakfast |
| 9:00–10:00 | Jim Geelen Invited Talk: Binary Matroid Minors |
| 10:00–10:30 | Coffee Break, 2nd floor lounge, Corbett Hall |
| 10:30–11:30 | Discussion Group: Matroid Minors Convenor: TBA Tentative speakers: Dan Kral, Jim Geelen |
| 11:30–12:00 | Andrew King The structure of claw-free graphs |
| 12:00–13:30 | Lunch |
| 13:30–18:00 | Excursion (Free Afternoon) |
| 18:00–19:30 | Dinner |
| 20:00– | Informal gathering in 2nd floor lounge, Corbett Hall Beverages and small assortment of snacks available on a cash honour-system. |

Thursday(10/2)

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| 7:00–9:00 | Breakfast |
| 9:00–10:00 | Robin Thomas Invited Talk: K_t -minors |
| 10:00–10:30 | Coffee Break, 2nd floor lounge, Corbett Hall |
| 10:30–12:00 | Discussion Group: Structure Graph Minor Convenor: Ken-ichi Kawarabayashi Tentative speakers: Dieter Rautenbach, Sergey Norin, Isolde Alder |
| 12:00–13:30 | Lunch |
| 14:30–15:30 | Coffee Break, 2nd floor lounge, Corbett Hall. |
| 15:30–16:00 | Paul Wollan Graph Minors and the Erdős-Pósa Property |
| 16:00–16:30 | Zhentao Li A linear time algorithm for the Two Disjoint Rooted Paths Problem |
| 16:30–18:00 | Discussion Group: Algorithmic Graph Minor Convenor: Ken-ichi Kawarabayashi Tentative speakers: Yusuke Kobayashi, Isolde Alder, Fedor Fomin, Tony Hyunh |
| 18:00–19:30 | Dinner |
| 20:00– | Informal gathering in 2nd floor lounge, Corbett Hall Beverages and small assortment of snacks available on a cash honour-system. |

Friday(10/3)

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| 7:00–9:00 | Breakfast |
| 9:00 | No schedule. Informal Discussions recommended. |
| 10:00–10:30 | Coffee Break, 2nd floor lounge, Corbett Hall |
| 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 3 pm on Friday, although participants are still required to checkout of the guest rooms by 12 noon. **