Sunday Evening, June 4, 2023

19:30–23:00	**Registration and Informal Gathering, Tavern United**	**345 Graham Ave.**

Registration materials available only until 9:30pm.
(Those attending have the option of purchasing food and beverages.)

Monday Morning, June 5, 2023

8:00–8:20		**Registration**	
8:20–8:30		**Welcome remarks**	
8:30–9:25	IS	**Penny Haxell (University of Waterloo)** "Hypergraphs, topology and resource allocation"	MET
9:30–10:00		**Walk to U of W Coffee Break**	
10:00–12:30	IM	**IM1: Games and Learning** Simina Brânzei and Ruta Mehta, Organizers [Hartline, Panageas, *Poster Session*, Hajiaghayi, Gergatsouli]	1L13 Lockhart Hall
	IM	**IM2: Combinatorics and Algebra** Alexey Pokrovskiy, Organizer [Noel, Li , Ogden, Turcotte, Behague]	1L12 Lockhart Hall
	IM	**IM11: Structural Graph Theory** Sang-il Oum and Sebastian Wiederrecht, Organizers [Wollan, Kurkofka, Kreutzer, Wiederrecht, Yoo]	1L11 Lockhart Hall
	CM	**CM24: Trends in Association Schemes** Allen Herman, Organizer [Kumar, Klawuhn, Li, Seong, Herman]	1L04 Lockhart Hall
	CT	**Contributed Talks** Homomorphisms and Minors [MacGillivray, Kidner, Brewster, Krill, Chaniotis]	1L06 Lockhart Hall
	CT	**Contributed Talks** Number Theory and Algebraic Connections [Bright, Karam, Hendrey, Park, ____]	1L07 Lockhart Hall
		Free Working Space	1M28
12:30–14:00		**Lunch**	
12:30–13:15		**ICA AGM (1L12 Lockhart Hall)**	

- The Registration desk will be open 8am-6pm on June 5 and 9:00am-3:30pm on June 6-8 in the hallway of Lockhart Hall adjacent to the breakout rooms.
- Refreshments (coffee, tea, water and something to eat) will be served twice a day (9:30am - 10:00am and 3:00pm - 3:30pm) on each day of the conference in the hallway of Lockhart Hall adjacent to the breakout rooms.
- Annual General Meeting of the Institute of Combinatorics and its Applications 12:30pm-1:15pm in 1L12 Lockhart Hall.
- Welcoming Reception, 6:30pm-8:30pm, Riddell Hall and Atrium. (FYI, the reception includes one free drink and passed canapés but it is not a full dinner.)

Monday Afternoon, June 5, 2023

12:30–14:00		Lunch	
14:00–14:55	IS	**Alexey Pokrovskiy (University College London)** "A random Hall-Paige Conjecture"	MET
15:00–15:30		**Walk to U of W　　Coffee Break**	
15:30–18:00	IM	**IM4: Discrete Mathematics in Quantum Information Processing** Markus Grassl and Petr Lisonek, Organizers [Nemec, Dastbasteh, Amirzade, López, Yard]	1L04 Lockhart Hall
	CM	**CM12: Computer-Assisted Mathematics** Curtis Bright, Organizer [Codel, Kaplan, Rampersad, Brysiewicz, Stevens]	1L13 Lockhart Hall
	CM	**CM13: Extremal Combinatorics and Beyond** Jonathan Noel, Organizer [Frederickson, Spiro, Mani, Lee, Bucić]	1L11 Lockhart Hall
	CM	**CM20: Movement and Symmetry in Graphs** Venkata Raghu Tej Pantangi and Mahsa N. Shirazi, Org [Nir, Ahmad , Dukes, Clifton, Shirazi]	1L07 Lockhart Hall
	CM	**CM21: Pursuit-Evasion Games on Graphs** JD Nir, Brittany Pittman, Trent Marbach, Organizers [S. Finbow, Molnar, Marcoux, Virgile, Ojakian]	1L08 Lockhart Hall
	CT	**Contributed Talks** Random Graphs / Biology & Chemistry [Šámal, Ahn, Selig, Ferrari, Slobodin]	1L06 Lockhart Hall
		Free Working Space	1M28
18:30–21:00		**Welcoming Reception (6:30pm-8:30pm, Riddell Hall and Atrium)**	

- The Registration desk will be open 8am-6pm on June 5 in the hallway of Lockhart Hall adjacent to the breakout rooms.

- Refreshments (coffee, tea, water and something to eat) will be served 3:00pm - 3:30pm in the hallway of Lockhart Hall adjacent to the breakout rooms.

- Welcoming Reception, 6:30pm-8:30pm, Riddell Hall and Atrium. (FYI, the reception includes one free drink and passed canapés but it is not a full dinner.)

Tuesday Morning, June 6, 2023

8:30–9:25	IS	**Nima Anari (Stanford University)** "Sampling and high-dimensional expansion"	MET
9:30–10:00		**Walk to U of W Coffee Break**	
10:00–12:30	IM	**IM1: Games and Learning** Simina Brânzei and Ruta Mehta, Organizers [Kleinberg, Chowdhury, *Poster Session*, Derakhshan, Vlatakis]	1L13 Lockhart Hall
	IM	**IM6: Extremal and Probabilistic Combinatorics** Felix Joos, Organizer [Bohman, Garbe, Morrison, Gao, Hancock]	1L08 Lockhart Hall
	IM	**IM7: Generalizations of the Chromatic Polynomial** Farid Aliniaeifard and Steph van Willigenburg, Org [____ , A. Foley, Orellana, S. Wang, Sagan]	1L07 Lockhart Hall
	IM	**IM9: Random Matrix Theory and Connections** Vishesh Jain, Organizer [Michelen, Glasgow, Benigni, O'Rourke, ____]	1L12 Lockhart Hall
	IM	**IM11: Structural Graph Theory** Sang-il Oum and Sebastian Wiederrecht, Organizers [Kim, Liu, Spirkl, Steiner, Gollin]	1L11 Lockhart Hall
	CM	**CM22: Quantum Information on Graphs** C. van Bommel, H. Monterde, S. Kim, X. Zhang, Org [Kirkland, van Bommel, Monterde, S. Kim, *Problem Session*]	1L04 Lockhart Hall
	CT	**Contributed Talks** Assorted Topics [Clarke, Mitchell, Gimbel, Esfahani, Pragada]	1L06 Lockhart Hall
		Free Working Space	1M28
12:30–14:00		**Lunch**	
12:45–13:45		**Networking Luncheon for those identifying as women (1L07)**	

- The Registration desk will be open 9:00am-3:30pm on June 6 in the hallway of Lockhart Hall adjacent to the breakout rooms.

- Refreshments (coffee, tea, water and something to eat) will be served 9:30am - 10:00am in the hallway of Lockhart Hall adjacent to the breakout rooms.

- Networking Luncheon for those identifying as women: 12:45pm-1:45pm, 1L07. (Click here for details.)

Tuesday Afternoon, June 6, 2023

12:30–14:00		Lunch	
14:00–14:55	IS	**Laura Sanità (Bocconi University)** "On the simplex method and diameter of 0/1-polytopes"	MET
15:00–15:30		**Walk to U of W Coffee Break**	
15:30–18:00	IM	**IM4: Discrete Mathematics in Quantum Information Processing** Markus Grassl and Petr Lisonek, Organizers _[Martin, Bors, Slofstra, Trandafir, Bright]	1L04 Lockhart Hall
	IM	**IM10: Random Structures and Random Processes** Jane (Pu) Gao and Xavier Pérez Giménez, Organizers _[Bohman, Dudek, Bennett, Molloy, Michaeli]	1L12 Lockhart Hall
	CM	**CM15: Graph Structure: Algorithms and Complexity** Kathie Cameron, Organizer _[K. Cameron, Sintiari, LaGrange, Belavadi, Suzan]	1L13 Lockhart Hall
	CM	**CM17: Graphs and Matroids** Jim Geelen, James Oxley, Zach Walsh, Organizers _[Funk, McGuinness, Campbell, Grace, Rivera Omaña]	1L11 Lockhart Hall
	CM	**CM20: Movement and Symmetry in Graphs** Venkata Raghu Tej Pantangi and Mahsa N. Shirazi, Org _[Morris, Dueck, Aliniaeifard, Pantangi, Yip]	1L07 Lockhart Hall
	CM	**CM21: Pursuit-Evasion Games on Graphs** JD Nir, Brittany Pittman, Trent Marbach, Organizers _[Burgess, Kellough, Jones, Ashmore, Howell]	1L08 Lockhart Hall
	CT	**Contributed Talks** Dimension, Density, and Distance _[Caoduro, Madani, ____ , R. Wang, ____]	1L06 Lockhart Hall
		Free Working Space	1M28
18:00		**Conference Photo, Wesley Hall entrance (6pm sharp!)**	
18:30–20:30		**Student & Postdoc Networking Dinner, (Riddell Hall)**	

- The Registration desk will be open 9:00am-3:30pm on June 6 in the hallway of Lockhart Hall adjacent to the breakout rooms.

- Refreshments (coffee, tea, water and something to eat) will be served 3:00pm - 3:30pm in the hallway of Lockhart Hall adjacent to the breakout rooms.

- Conference Photo, 6:00pm (sharp) on the stairs at the Wesley Hall entrance. (In case of inclement weather, please report instead to Leatherdale Hall.)

- Networking Dinner for Students and Postdocs, 6:30pm-8:30pm, Riddell Hall

Wednesday Morning, June 7, 2023

8:30–9:25	IS	**Simina Brânzei (Purdue University)** "The sharp power law of local search on expanders"	MET
9:30–10:00		**Walk to U of W Coffee Break**	
10:00–12:30	IM	**IM1: Games and Learning** Simina Brânzei and Ruta Mehta, Organizers [Vetta, Golowich, *Poster Session*, Mehta, Kulkarni]	1L13 Lockhart Hall
	IM	**IM6: Extremal and Probabilistic Combinatorics** Felix Joos, Organizer [Pfenninger, Kelly, Mohar, Sah, Joos]	1L08 Lockhart Hall
	IM	**IM7: Generalizations of the Chromatic Polynomial** Farid Aliniaeifard and Steph van Willigenburg, Org [Crew, V. Wang, McDonald, Kaul, Dahlberg]	1L07 Lockhart Hall
	IM	**IM9: Random Matrix Theory and Connections** Vishesh Jain, Organizer [Zhu, Leake, Hsieh, Sawhney, *Problem Session*]	1L12 Lockhart Hall
	CM	**CM16: Graphs and Hypergraphs: Probabilistic, Structural, and Extremal Results** Natasha Morrison, Organizer [Botler, Wright, Smith-Roberge, Savery, Heath]	1L11 Lockhart Hall
	CM	**CM22: Quantum Information on Graphs** C. van Bommel, H. Monterde, S. Kim, X. Zhang, Org [Feder, Goff, Sobchuk, Zhan, ____]	1L04 Lockhart Hall
	CT	**Contributed Talks** Colouring, Domination, and Genus [Beaton, Carr, Clow, Contreras-Mendoza, Czygrinow]	1L06 Lockhart Hall
		Free Working Space	1M28
12:30–14:00		**Lunch**	
12:30–13:15		**ICA Medal Awards Ceremony, Room 1L12 Lockhart Hall**	

- The Registration desk will be open 9:00am-3:30pm on June 7 in the hallway of Lockhart Hall adjacent to the breakout rooms.

- Refreshments (coffee, tea, water and something to eat) will be served 9:30am - 10:00am in the hallway of Lockhart Hall adjacent to the breakout rooms.

- ICA Medal Awards Ceremony: 12:30pm-1:15pm, in Room 1L12 Lockhart Hall.

Wednesday Afternoon, June 7, 2023

12:30–14:00		Lunch	
14:00–14:55	IS	**Ferdinand Ihringer (Universiteit Gent)** "Quadratic forms and clique-free graphs"	MET
15:00–15:30		**Walk to U of W Coffee Break**	
15:30–18:00	IM	**IM3: Design Theory and Coding Theory** Thaís Bardini Idalino, Jonathan Jedwab, Shuxing Li, Org [Stinson, Nelson, Gu, Kölsch, Stevens]	1L07 Lockhart Hall
	IM	**IM8: Geometric Combinatorics** R. Amzi Jeffs, Organizer [Wellner, Bezdek, Simon, Liu, Lew]	1L08 Lockhart Hall
	IM	**IM10: Random Structures and Random Processes** Jane (Pu) Gao and Xavier Pérez Giménez, Organizers [Warnke, Arman, Gunderson, Makai, MacRury]	1L12 Lockhart Hall
	CM	**CM15: Graph Structure: Algorithms and Complexity** Kathie Cameron, Organizer [Hoàng, Robin, B. Cameron, Hajebi, Hernández-Cruz]	1L13 Lockhart Hall
	CM	**CM17: Graphs and Matroids** Jim Geelen, James Oxley, Zach Walsh, Organizers [Bowler, Gut, Singh, Kim, van der Pol]	1L11 Lockhart Hall
	CM	**CM18: Many Perspectives on Hopf Algebras in Combinatorics** Karen Yeats, Paul Balduf, Lucas Gagnon, Organizers [van Willigenburg, Balduf, Olson-Harris, Huang, *Discussion*]	1L04 Lockhart Hall
	CT	**Contributed Talks** Combinatorics on Words and Connections [Kreitzer, Mol, Pervin, Zaguia, ___]	1L06 Lockhart Hall
		Free Working Space	1M28
18:30–19:15		**Public Lecture Reception MET**	
19:30–20:30		**Laura A. Albert (University of Wisconsin) MET**	

- The Registration desk will be open 9:00am-3:30pm on June 7 in the hallway of Lockhart Hall adjacent to the breakout rooms.

- Refreshments (coffee, tea, water and something to eat) will be served 3:00pm - 3:30pm in the hallway of Lockhart Hall adjacent to the breakout rooms.

- We will have a reception prior to the public lecture. This will begin at 6:30pm at the Metropolitan Entertainment Centre, 281 Donald Street. (The reception will include a free drink and some passed canapés, but not dinner.)

- Public Lecture: *"How discrete optimization helps us tackle our world's biggest challenges"* by Laura Albert (University of Wisconsin), Metropolitan Entertainment Centre, 281 Donald Street, beginning at 7:30pm.

Thursday Morning, June 8, 2023

8:30–9:25	IS	**Jennifer Morse (University of Virginia)** "Catalanimals"	MET
9:30–10:00		**Walk to U of W Coffee Break**	
10:00–12:30	IM	**IM5: Emerging Tools and Applications of Mixed-Integer Optimization** Sonia Cafieri, Organizer [___, Bastin, Bourguignon, Cafieri, ___]	1L13 Lockhart Hall
	CM	**CM14: Flows, Colourings, and Decompositions** B. Moore, E. Smith-Roberge, M. Kroeker, Organizers [Nurse, Ghanbari, Wdowinski, Turner, Dhawan]	1L08 Lockhart Hall
	CM	**CM16: Graphs and Hypergraphs: Probabilistic, Structural, and Extremal Results** Natasha Morrison, Organizer [Martins, Johnston, Kathapurkar, Hyde, Donderwinkel]	1L11 Lockhart Hall
	CM	**CM19: Metric Dimension and its Variants: Structural and Algorithmic Results** Beth Novick and Nadia Benakli, Organizers [Eroh, Novick, Mc Inerney, Biro, Laihonen]	1L12 Lockhart Hall
	CM	**CM22: Quantum Information on Graphs** C. van Bommel, H. Monterde, S. Kim, X. Zhang, Org [Tamon, Shi, Lippner, Zhang, McLaren]	1L04 Lockhart Hall
	CT	**Contributed Talks** Data,Communities and Clustering [Berenhaut, Darling, J. Foley, Arora, Kumari]	1L06 Lockhart Hall
		Free Working Space	1M28
12:30–14:00		**Lunch**	
12:45–13:45		**EDI Discussion, (1L07)**	

- The Registration desk will be open 9:00am-3:30pm on June 8 in the hallway of Lockhart Hall adjacent to the breakout rooms.

- Refreshments will be served 9:30am - 10:00am in the hallway of Lockhart Hall adjacent to the breakout rooms.

- The EDI Luncheon, a discussion on effective initiatives to promote Equity, Diversity and Inclusion, will occur at 12:30pm on Thursday June 8th in Room 1L07 of Lockhart Hall, University of Winnipeg.

Thursday Afternoon, June 8, 2023

12:30–14:00		Lunch	
14:00–14:55	IS	**Igor Pak (UCLA)** "Poset inequalities"	MET
15:00–15:30		**Walk to U of W**　　**Coffee Break**	
15:30–18:00	IM	**IM3: Design Theory and Coding Theory** Thaís Bardini Idalino, Jonathan Jedwab, Shuxing Li, Org _[Colbourn, Paterson, Meagher, Wiebe, Moura]	1L07 Lockhart Hall
	IM	**IM8: Geometric Combinatorics** R. Amzi Jeffs, Organizer _[Jiang, Richter, ___ , Hinman, Jeffs]	1L08 Lockhart Hall
	IM	**IM10: Random Structures and Random Processes** Jane (Pu) Gao and Xavier Pérez Giménez, Organizers _[Efthymiou, Huang, Jagannath, Müller, ___]	1L12 Lockhart Hall
	CM	**CM17: Graphs and Matroids** Jim Geelen, James Oxley, Zach Walsh, Organizers _[Carmesin, Kroeker, Valencia-Porras, ___ , ___]	1L11 Lockhart Hall
	CM	**CM18: Many Perspectives on Hopf Algebras in Combinatorics** Karen Yeats, Paul Balduf, Lucas Gagnon, Organizers _[Estupiñán, Thiem, Bastidas, Gagnon, ___]	1L04 Lockhart Hall
	CM	**CM23: Ramsey Theory** Joseph Hyde, Organizer _[Martins, Naia, Ivan, Pavez-Signé, Winter]	1L13 Lockhart Hall
18:00		**End of CanaDAM 2023**	

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- Refreshments (coffee, tea, water and something to eat) will be served 3:00pm - 3:30pm in the hallway of Lockhart Hall adjacent to the breakout rooms.