

Coast Combinatorics Conference 2023

Schedule

Saturday, 4 March 2023 1700 Labatt Hall, SFU Harbour Centre, Downtown Vancouver

09:45	Coffee and networking
10:30	Welcome
10:35 – 10:55	Amites Sarkar , Western Washington University <i>Bootstrap percolation in random geometric graphs</i>
11:00 – 11:20	Chi Hoi Yip , University of British Columbia <i>Intersective sets over abelian groups</i>
11:25 – 11:45	Alexander Clow , Simon Fraser University <i>Oriented & 2-dipath colouring</i>
11:50 – 12:10	Gara Pruesse , Vancouver Island University <i>Greed is good for 2-approximating the jump number for interval posets</i>
12:10	Lunch
2:10 – 2:30	Shuxing Li , Simon Fraser University <i>A combinatorial perspective towards the planarity of functions</i>
2:35 – 2:55	Amirhossein Kazeminia , Simon Fraser University <i>Complexity classification of counting graph homomorphisms modulo a prime number</i>
3:00 – 3:20	Ben Cameron , The King's University <i>Vertex-critical $(P_3 + \ell P_1)$-free graphs</i>
3:20	Afternoon Tea
3:45 – 4:05	MacKenzie Carr , Simon Fraser University <i>Improper interval colorings of outerplanar graphs and corona products</i>
4:10 – 4:30	Brian Hopkins , Saint Peter's University <i>The mex of an integer partition</i>
4:30	Happy Hour

Sunday, 5 March 2023 1700 Labatt Hall, SFU Harbour Centre, Downtown Vancouver

09:30	Coffee and networking
10:00 – 10:20	James D. Currie , University of Winnipeg <i>A characterization of the period-doubling word</i>
10:25 – 10:45	Hanmeng (Harmony) Zhan , Simon Fraser University <i>Discrete quantum walk search on graphs</i>
10:50 – 11:10	Joseph Hyde , University of Victoria <i>The Kohayakawa-Kreuter conjecture holds for almost all pairs of graphs</i>
11:15 – 11:35	Daniel Neuen , Simon Fraser University <i>The iteration number of the Weisfeiler-Leman Algorithm</i>
11:40 – 12:00	Mark Kayll , University of Montana <i>Deranged matchings: confessions and corrections</i>
12:00	Lunch
1:50 – 2:10	Sean McGuinness , Thompson Rivers University <i>A serial base exchange property for random bases</i>
2:15 – 2:35	Kathryn Nurse , Simon Fraser University <i>Nowhere-zero flows and group-connectivity in signed graphs</i>
2:40 – 3:00	Lucas Mol , Thompson Rivers University <i>Avoiding additive powers in words</i>
3:05 – 3:25	Monty McGovern , University of Washington <i>Harmonic degrees of representations of classical Weyl groups</i>
3:25	Afternoon Tea
3:55 – 4:15	Ryan B. Hayward , University of Alberta <i>Notes on Dark Hex</i>
4:20 – 4:40	Daniel Panario , Carleton University <i>Quantum QC-LDPC Codes with large girth</i>
4:40	Closing Remarks