

Monday

9:00	Welcoming remarks	
9:10	Carsten Thomassen <i>On the number of colorings of a graph</i> (16)	
10:00	Jenna Appleton <i>Automating the discovery of graph spectra</i> (22)	Petri Rosendahl <i>Niho type cross-correlation functions</i> (58)
10:20	Che-Sheng Gan <i>Verification of Guy's upper bound using a simple evolutionary algorithm</i> (33)	Watcharaphong Ananchuen <i>Generalized Paley graphs with the adjacency properties</i> (21)
10:40	Morning Tea	
11:00	Richard Brualdi <i>Perfect matching preservers</i> (9)	
11:45	Tomoki Yamashita <i>Degree sum conditions for dominating cycles</i> (66)	Melinda Buchanan <i>Completing partial Latin squares with two filled rows and columns</i> (26)
12:05	Mamoru Watanabe <i>A relaxation of a Hamilton cycle in graphs</i> (65)	Martin Knor <i>Bi-embeddings of Latin squares</i> (41)
12:25	Lunch	
1:40	Atsuhiko Nakamoto <i>N-Flips in 3-chromatic even triangulations on surfaces</i> (49)	Sanpei Kageyama <i>Non-validity of affine α-resolvability in regular group divisible designs</i> (39)
2:00	Seiya Negami <i>The looseness and independence number of triangulations on closed surfaces</i> (50)	Abeed Ahmad <i>On d-antimagic labelings of bipyramids and multipyramids</i> (18)
2:20	Tadashi Sakuma*, Kenji Kashiwabara <i>Hypercubically facial-colorable quadrangulations on the sphere</i> (59)	Jim MacDougall <i>Sparse magic & anti-magic squares and magic labelings of graphs</i> (44)
2:40	Maria Chudnovsky <i>The structure of clawfree graphs</i> (10)	
3:40	Afternoon Tea	
4:00	Peter Cameron <i>Counting, structure and symmetry</i> (10)	
4:45	Antoine Vella <i>Topologized graphs and S_1 spaces</i> (64)	Iliya Bluskov <i>Large pair covering designs with block size 5 with higher index – the case of v even</i> (25)
5:05	Serguei Norine <i>Pfaffian graphs, T-joins and crossing numbers</i> (51)	Peter Dukes <i>Disjoint union-free designs with block size three</i> (30)
5:25	Ewa Kubicka <i>Sphere-of-influence graphs on a sphere</i> (42)	Julian Abel <i>BIBDs with $k \leq 9, \lambda > 1$</i> (18)
5:45	Dietmar Cieslik <i>The essential of Steiner's problem in normed planes</i> (27)	Ian Roberts <i>Pairwise balanced block designs with maximum block size 4</i> (57)

Tuesday

9:00	Mike Steel <i>Some applications of combinatorics to evolutionary biology</i> (61)	Michael Albert <i>Sorting with transposition switches in series</i> (19)
9:20	Charles Semple <i>Computing the minimum number of hybridisation events for a consistent evolutionary history</i> (60)	Mike Atkinson <i>Sorting classes, the weak and strong orders</i> (22)
9:40	Alan Sokal <i>The multivariate Tutte polynomial (alias Potts model) for graphs and matroids</i> (15)	

10:40 Morning Tea

11:00	Dominic Welsh <i>The random planar graph and addability</i> (17)	
11:45	Shuji Kijima <i>Perfect sampler for closed Jackson network</i> (40)	Gunter Steinke <i>Transversal designs, pseudo-ovals and relation Laguerre planes of small orders</i> (62)
12:05	Ljiljana Brankovic <i>Approximability of a 0,1-matrix problem</i> (25)	Ryoh Fuji-Hara <i>Optimal frequency hopping sequences from finite projective geometries</i> (32)

12:25 Lunch

1:40	Jeanette McLeod <i>The number of sets of k disjoint perfect matchings in K_{2n}</i> (46)	Paul Hafner <i>From the Steiner system $S(2, 5, 21)$ to $S(5, 8, 24)$ via the Higman-Sims graph</i> (34)
2:00	Vladimir Blinovskiy <i>On switching for hypergraphs</i> (24)	Daniel Horsley <i>Steiner triple systems with two disjoint subsystems</i> (37)
2:20	Yoshiaki Oda <i>Flips on geometric cycles</i> (51)	Frank Bennett <i>Super-simple Steiner pentagon systems</i> (23)
2:40	Darryn Bryant <i>Embedding partial Steiner triple systems</i> (9)	

3:40 Afternoon Tea

4:00	Bojan Mohar <i>Intrinsic metric and 2-cell embeddings of graphs</i> (13)	
4:45	Matti Peltola <i>Characterizations of hypercubes</i> (55)	Barbara Maenhaut <i>Decompositions of complete graphs into 2-regular subgraphs</i> (45)
5:05	Olivier Hudry <i>On the structure of identifiable graphs: results, conjectures, and open problems</i> (37)	Elizabeth Billington <i>Gregarious 4-cycle decompositions of complete multipartite graphs</i> (24)
5:25	Sanming Zhou <i>$L(j, k)$-labellings of Hamming graphs</i> (67)	Matt Dean <i>Decomposition of 6-regular odd circulants into hamilton cycles</i> (29)

5:45 CMSA meeting

Wednesday

9:00	Paul Seymour <i>The roots of the stable set polynomial of a clawfree graph</i> (14)
10:00	Mark Watkins <i>Finer than Ends but Coarser than Fibers</i> (17)
10:45	Morning Tea
11:00	Excursion Bus leaves

Thursday

9:00	Bhalchandra Thatte <i>A short proof of Whitney's subgraph expansion theorem</i> (62)	Shaun Cooper <i>Sums of squares and sums of triangular numbers</i> (28)
9:20	Matthew Parker <i>On the links between interlace polynomials and local unitary transforms</i> (53)	Brian Hopkins <i>Rado numbers for linear equations</i> (36)
9:40	Dan Archdeacon <i>Graphs on grids</i> (8)	
10:40	Morning Tea	
11:00	Bruce Richter <i>Partitioning graphs into graphs of given type</i> (13)	
11:45	Keiko Kotani <i>Essential neighborhood unions for the existence of regular factors</i> (41)	Joy Morris <i>Automorphism groups of circulant graphs</i> (48)
12:05	Robert Aldred <i>Proximity conditions and matching extension</i> (20)	Tianming Wang <i>Eliminations and combinatorics</i> (64)
12:25	Lunch	
1:40	Nawarat Ananchuen <i>Factor-criticality in 3-vertex-critical claw-free graphs</i> (21)	Mary Waterhouse <i>Equitably 2-coloured m-cycle decompositions of $K_v - F$</i> (65)
2:00	Ernie Cockayne <i>Irredundance, secure domination and maximum degree in trees</i> (27)	James Lefevre <i>Some results on six-cycle and $\Theta(1, 3, 3)$ trades</i> (43)
2:20	Michael Henning <i>Recent results on total domination in graphs</i> (35)	David Pike <i>Colouring 4-cycle systems</i> (55)
2:40	Jim Geelen <i>Certifying non-representability of matroids</i> (11)	
3:40	Afternoon Tea	
4:00	Bruno Courcelle <i>Expressing the vertex-minor relation in Monadic Second-Order logic ... recognition of bounded rank-width</i> (11)	
4:50	Jun Fujisawa <i>Some weighted generalizations of the results on the long paths and cycles in graphs</i> (32)	Tim Hetherington <i>Edge and total choosability of near-outerplanar graphs</i> (35)
5:10	Kiyoshi Yoshimoto <i>Relative length and a cycle through vertices on a path</i> (67)	Gary MacGillivray <i>The existence of Gray codes for proper k-colourings of graphs</i> (44)
5:30	Kieka Mynhardt <i>On maximal nontraceable graphs</i> (48)	Arnfried Kemnitz <i>$[r, s, t]$-colorings of graphs</i> (39)
5:50	Camino Balbuena <i>On the diameter of extremal graphs with high girth</i> (23)	Primož Potočnik <i>Edge-colorings of cubic vertex-transitive graphs</i> (56)

Friday

9:00	Stefan Grünewald <i>A shelling of the simplicial complex of k-compatible line arrangements</i> (34)	Ryuzo Torii <i>Arrest problem on a graph</i> (63)
9:20	Eric Gottlieb <i>The h, k-equal partition lattice is EL-shellable when $h \geq k$</i> (33)	Douglas Rall <i>An edge deletion game on graphs</i> (57)
9:40	Bert Gerards <i>Inequivalent representations of matroids</i> (12)	
10:40	Morning Tea	
11:00	Tom Tucker <i>Symmetric maps</i> (16)	
11:45	Haruko Okamura <i>On 2-reducible paths in k-edge-connected graphs</i> (52)	Hadi Kharaghani <i>A Hadamard matrix of order 428</i> (40)
12:05	Yoshimi Egawa <i>Contractible edges in 4-connected graphs</i> (30)	Warwick de Launey <i>A survey of generalized Hadamard matrices</i> (29)
12:25	Lunch	
1:40	Hiroaki Mohri <i>Hybrid problem of facility location and network design for some graph structures</i> (47)	Charles Little <i>Even bonds of prescribed directed parity</i> (43)
2:00	Michael Henneby <i>An integer program for assigning task sequences to unmanned air vehicles</i> (35)	Mohammed Jaradat <i>An upper bound of the basis number of the semi-strong product of graphs</i> (38)
2:20	Grzegorz Kubicki <i>Graph-theoretic generalization of the secretary problem; the directed path case</i> (42)	Maref Alzoubi <i>On the basis number of the composition of different ladders with some graphs</i> (20)
2:40	Robin Thomas <i>Reducibility for the Four-Color Theorem</i> (15)	
3:40	Afternoon Tea	
4:00	Catherine Greenhill <i>Sampling regular graphs and a peer-to-peer network</i> (12)	
4:50	Roman Nedela <i>Enumeration of unrooted maps with given genus</i> (49)	Gordon Royle <i>The Brown-Colbourn property for matroids</i> (58)
5:10	Jana Šiagiová <i>The quotient genus of covalence sequences of Cayley maps</i> (61)	Dillon Mayhew <i>Families of matroids induced by classes of graphs</i> (45)
5:30	Rongquan Feng <i>A classification of regular t-balanced Cayley maps on dihedral groups</i> (31)	Graham Farr <i>On the symmetric Ashkin-Teller model and Tutte-Whitney functions</i> (31)
5:50	Marston Conder <i>Symmetries of Cayley graphs and graphs underlying regular maps</i> (28)	Keisuke Shiromoto <i>An Assmus-Mattson theorem for matroids</i> (60)

Saturday

9:00	Neil Robertson <i>To be confirmed</i> (14)	
10:00	Rosemary Bailey <i>Designs on strongly regular graphs</i> (8)	
10:45	Morning Tea	
11:05	Stefko Miklavic <i>On bipartite Q-polynomial distance-regular graphs with girth 6</i> (47)	Emine Yazici <i>A comprehensive approach to minimal defining sets in designs</i> (66)
11:25	Gek-Ling Chia <i>Generalized knight's tours on rectangular chessboards</i> (26)	Wolf Holzmann <i>On the amicability of orthogonal designs</i> (36)
11:45	Iwao Sato <i>Bartholdi zeta functions of digraphs</i> (59)	Katsuhiko Ota <i>Star forests in graphs — a maximal common subgraph with minimum degree condition</i> (53)
12:05	Brendan McKay <i>Asymptotic enumeration of 0-1 matrices</i> (46)	Kazuhiko Ushio <i>Balanced C_4-trefoil designs</i> (63)