Monday

8:45–9:00 Opening

9:00–10:00

148 Herbert Wilf, *Search Engines, Eigenvectors, and Chromatic Numbers*

10:00–10:20 Coffee break

10:20–10:35

148 Jay Adamsson, *The Crossing Number of $C_m \times C_n$*

E113 Michael O. Albertson*, Debra Boutin, *The Isometry Dimension of a Finite Group*

48A-B A.J.W. Hilton*, M. Mays, C.St.J.A. Nash-Williams, C.A. Rodger, *On the Existence of Pairs of Mutually Orthogonal Symmetric Hamiltonian Double Latin Squares*

50 Li Sheng, *A Characterization for a Tree to be a Unit Probe Interval Graph*

10:40–10:55

148 Michelangelo Grigni, Papa A. Sissokho*, *Apex Planar Graphs Have Bounded Detour Gap Number*

E113 Nisheeth Vishnoi, *Note: An Algebraic Proof of Alon's Combinatorial Nullstellensatz*

48A-B Tristan Denley, *On a Conjecture of Haggkvist on Filling Partial Latin Squares*

50 S. H. Holliday*, P. D. Johnson, *The Shields-Harary Number of a Tree*

11:00–11:15

148 Robert Cimikowski, *Crossing Number Bounds for the Twisted Cube*

E113 Omer Egecioglu*, C. Ryavec, *Polynomial Families Satisfying a Riemann Hypothesis*

48A-B J.A. Bate*, G.H.J. van Rees, *Minimal and Near-Minimal Critical Sets in Back-Circulant Latin Squares*

50 Dean Hoffman*, Matt Walsh, *Even Spanning Trees in Bipartite Graphs*

11:20–11:35

148 Reneta Barneva, Valentin Brimkov, Bruno Codenotti, Valentino Crespi*, Mauro Leoncini, *On the Lovász Number of Very Sparse Circulant Graphs*

E113 John C. Wierman, *Site Percolation Critical Probability Bounds for Two Archimedean Lattices*

48A-B Ian Wanless, *Generalized Transversals of Latin Squares*

50 A. Meir, J.W. Moon*, M.A. Steel, *A Limiting Theorem on* 2*-Coloured Trivalent Trees*

11:40–11:55

148 Dale Daniel, Stephen E. Shauger*, *More Results on the Erdős-Gyárfás Conjecture in Claw-Free Graphs*

E113 Luke Pebody, *Combinatorial Reconstruction*

48A-B Reinhard Laue*, Anton Betten, Evi Haberberger, *A Simple* 6*-Design on* 14 *Points and* 5*-Designs without Automorphisms from* A_4

50 Frank Van Bussel, 0*-Centred and* 0*-Ubiquitously Graceful Trees*

12:00–12:15

148 Onyeje Bose, Serge Lawrencenko*, *A Note on g-Outer Graphs*

E113 Michael Q. Rieck, *On the Intersection Numbers of Association Schemes Based on Isotropic Subspaces*

48A-B James B. Phillips*, Peter J. Slater, *Colored Distance in Grid Graphs*

50 Nam-Po Chiang, *The Maximum Total Relative Displacement of Permutations of a Path*

12:15–1:30 Lunch

1:30–2:30

148 Herbert Wilf, *The Lean, Mean, Bijection Machine*

2:40–2:55

148 Hunter Snevily, *A Sharp Bound for the Number of Sets that Pairwise Intersect at k Positive Values*

E113 Nathaniel Dean, *Rectilinear Crossing Minimization*

48A-B Phyllis Chinn*, Ralph Grimaldi, Silvia Heubach, *The Frequency of Summands of a Particular Size in Palindromic Compositions*

50 Spencer P. Hurd*, Dinesh G. Sarvate, *Minimal Standard Enclosings of Triple Systems*

3:00–3:15

148 Heiko Harborth, *Smallest Limited Edge-to-Edge Snakes in Euclidean Tessellations*

E113 Christian Thürmann, *Minimum Number of Edges with At Most s Crossings in Rectilinear Drawings of the Complete Graph*

48A-B Silvia Heubach*, Phyllis Chinn, Ralph Grimaldi, *Rises, Levels, Falls and "+" Signs in Compositions and Palindromes*

50 Spencer P. Hurd, Dinesh G. Sarvate*, *On Point Enclosings of Triple Systems*

3:20–3:35

148 Horst Martini, *On Geometric Graphs*

E113 Wai Chee Shiu*, Peter Che Bor Lam, *On the ℓ-Distance Face Coloring of 6-Regular Plane Graphs*

48A-B Ke Qiu, *Adjacency Matrix and Eigenvalues of the Hypercube*

50 Robert Hochberg*, Michael Reid, *Tiling with Notched Cubes*

3:35–4:00 Coffee break

4:00–4:15

148 Robin Blankenship*, Bogdan Oporowski, *Book Embeddings of Graphs and Minor-Closed Classes*

E113 Thomas Boehme, Frank Goering, Herwig Unger*, *Random Models for the Propagation of Information in the World Wide Web*

48A-B Edward Dobson, *On Solvable Groups and Cayley Graphs*

50 Sridar Kuttan Pootheri, *Counting Classes of Labeled 2-Connected Graphs*

4:20–4:35

148 Matthew Skala*, Wendy Myrvold, *Fast Generation of Graphs Embedded on the Torus*

E113 Louis Petingi*, Jose Rodriguez, *Reliability of Networks with Delay Constraints*

48A-B Tristan Denley, Haidong Wu*, *Long Cycles Through Many Specified Edges*

50 Kimberly S. Kirkpatrick, *Doyen-Wilson Theorem for K_3 with Two Pendant Edges*

4:40–4:55

148 Alex Brodsky, Stephane Durocher*, Ellen Gethner, *Toward the Rectilinear Crossing Number of K_n: New Drawings, Upper Bounds, and Asymptotics*

E113 Daniel Ramras*, Sam Greenberg, *Cliques and Independent Neighbor Sets in Random Graphs*

48A-B Felix Lazebnik and Raymond Viglione*, *A New Infinite Series of Edge- but not Vertex-Transitive Graphs*

50 Clyde P. Kruskal, *The Chromatic Number of the Plane: the Bounded Case*

5:00–5:15

148 Ghidewon Abay-Asmerom, *On Imbeddings of Rejection and Exclusion of Graphs*

E113 Gary Gordon, *Expected Value for Trees and Rooted Graphs*

48A-B Frank Harary, Robert W. Robinson*, *Identity Digraphs of Minimum Size*

50 Linda Valdés, *Edge-Magic K_p*

5:20–5:35

148 Michele Conforti, Gérard Cornuéjols, Kristina Vušković*, *Square-Free Perfect Graphs*

E113 S.M. Hedetniemi, S.T. Hedetniemi*, D.P. Jacobs, P.K. Srimani, *Self-Stabilizing Algorithms for Minimal Dominating and Maximal Independent Sets*

48A-B Steven C. Cater*, Frank Harary, Robert W. Robinson, *One-Color Triangle Avoidance Games*

50 Lou Shapiro*, Frank Schmidt, *The Fibonacci Numbers, Matching Polynomials, and Normality*

5:40–5:55

148 Dionysios Kountanis, Sha Tang*, *Query Optimization for Multilist Files Using Internal Graphs*

E113 J.R.S. Blair, S.M. Hedetniemi, S.T. Hedetniemi, D.P. Jacobs*, *Self-Stabilizing Maximum Matchings*

48A-B Joanna A. Ellis-Monaghan, *Relations for Skein-Type Graph Polynomials*

50 Michael L. Gargano*, William Edelson, *Optimal Sequenced Matroid Bases Solved by Genetic Algorithms*

6:00–8:30 Wine and Cheese Reception

Tuesday

9:00–10:00

148 Paul Seymour, *The Structure of Berge Graphs*

10:00–10:20 Coffee break

10:20–10:35

148 Matt DeVos*, Paul Seymour, *Packing T-Joins*

E113 P.D. Johnson Jr.*, E.B. Wantland, *More Problems Involving Hall's Condition*

48A-B Dalibor Froncek, *Scheduling the Czech National Basketball League*

50 L. Goddyn*, P. Hliněný, W. Hochstättler, *Circular Chromatic Number of an Orientable Matroid*

10:40–10:55

148 E.J. Cockayne*, A.P. Burger, C.M. Mynhardt, *The n-Queens Problem on the Torus*

E113 Gary S. Bloom*, Samer Salame, *Constructing More Graceful Trees*

48A-B Robert C. Brigham, Gary Chartrand, Ronald D. Dutton, Ping Zhang*, *Full Domination in Graphs*

50 Manoel Lemos, *Matroids with Many Common Bases*

11:00–11:15

148 A.P. Burger, C.M. Mynhardt*, *The Queens Domination Problem on the Torus*

E113 Kengo Shirakata, Etsuro Moriya*, *Parallelization in Extended μH Systems and its Universality*

48A-B Varaporn Saenpholphat*, Ping Zhang, *Connected Resolvability of Graphs*

50 Talal Al-Hawary, Jenny McNulty*, *On Closure Matroids*

11:20–11:35

148 Peter Adams, Darryn Bryant, Heather Gavlas*, *Decompositions of the Complete Graph into Small 2-Regular Graphs*

E113 Dorothy Bollman*, Edusmildo Orozco, *A Faster Algorithm for the Solution of the n-Queens Problem*

48A-B Gary Chartrand, Raluca Muntean*, Varaporn Saenpholphat, Ping Zhang, *Graphs and Divisibility of Positive Integers*

50 Allan D. Mills, *Perfect Binary Matroids*

11:40–11:55

148 Andre Kezdy*, Hunter Snevily, *Distinct Sums Modulo n and Tree Embeddings*

E113 Patric R.J. Östergård, Alfred Wassermann*, *A New Lower Bound for the Football Pool Problem for 6 Matches*

48A-B Gary Chartrand, Alice Chichisan*, Ping Zhang, Curtiss E. Wall, *On Convexity in Graphs*

50 Nancy Ann Neudauer*, Brett Stevens, *Enumeration of the Bases of the Bicircular Matroid on a Complete Bipartite Graph*

12:00–12:15

148 Miklós Bartha*, Miklós Krész, *Open Graphs with Perfect Internal Matchings*

E113 L. Eugene Chipman*, Clyde P. Kruskal, *The Complexity of Some Common Strategy Games*

48A-B David Brown, J. Richard Lundgren*, Cary Miller, *On Probe-Clone Interval Graphs*

50 David Neel, *Modular Contractibility in Binary Matroids*

Wednesday

9:00–10:00

148 Noga Alon, *Polynomials in Discrete Mathematics I: Geometric and Number Theoretic Applications*

10:00–10:20 Coffee break

10:20–10:35

148 Dirk Vertigan*, Matt DeVos, Luis Goddyn, Bojan Mohar, Xuding Zhu, *Near Duality of Circular Coloring and Circular Flow in Orientable Surfaces*

E113 David Cariolaro*, Anthony J.W. Hilton, *Regular Graphs of Even Order and High Degree Are* 1*-Factorizable*

48A-B Peter Horák, David Pike, Michael Raines*, *Hamilton Cycles in Block-Intersection Graphs of Triple Systems*

50 Arundhati Raychaudhuri, *Distance-*2 *Labeling for Strongly Chordal Graphs and* $2 - K_2$ *Free Graphs*

10:40–10:55

148 Bruce Reed, Benny Sudakov*, *Asymptotically the List Colouring Constants Are* 1

E113 Robert Molina*, Ken Smith, P_n*-Randomly Decomposable Graphs*

48A-B M.N. Ferencak*, A.J.W. Hilton, *Outline and Amalgamated Triple Systems*

50 D. Pillone, R. Laskar*, *Extremal Results in Rankings*

11:00–11:15

148 Arnfried Kemnitz*, Massimiliano Marangio, *Colorings and List Colorings of Integer Distance Graphs*

E113 Ronald J. Gould, Emily A. Hynds*, *Forbidden Subgraphs and* 2*-Factors*

48A-B Jeff Bonn, *Ordering Steiner Triple Systems and the Codes of Their Points*

50 David R. Berman, Sandra C. McLaurin, Douglas D. Smith*, *Fair Team Tournaments*

11:20–11:35

148 Jeannette Janssen, *Partial List Colourings of Graphs with Bounded Degree*

E113 Sam Greenberg, *Multiple Matchings*

48A-B Tomoko Adachi*, Masakazu Jimbo, Sanpei Kageyama, *Combinatorial Structure of GDDs without Nontrivial* α*-Resolution Classes in Each Group*

50 Richard Anstee, Ron Ferguson*, J.R. Griggs, *Circular Permutations with Low Discrepancy Consecutive* k*-Sums*

11:40–11:55

148 Balázs Montágh, *Anti-Ramsey Theorems on Spanning Trees*

E113 Hong Wang, *Vertex-Disjoint Quadrilaterals in Graphs*

48A-B Yukiyasu Mutoh*, Toshio Morihara, Masakazu Jimbo, *A Grid Design Related to DNA Library Screening*

50 Clifton E. Ealy Jr.*, *On the Genus of Semi*λ*-Partialplanes*

12:00–12:15

148 Maria Axenovich*, Tao Jiang, *Anti-Ramsey Numbers for Small Bipartite Graphs*

E113 John J. Watkins*, Jesse Gilbert, *Packing Caterpillars into Complete Graphs*

48A-B Selda Küçükçifçi*, C.C. Lindner, *The Metamorphosis of* λ*-Fold Block Designs with Block Size Four into* λ*-Fold* $(K_4 \setminus e)$*-Systems,* $\lambda \geq 2$

50 Adrian Bondy, Jian Shen*, Stéphan Thomassé, Carsten Thomassen, *Density Conditions Implying Trangles in k-Partite Graphs*

12:15–1:30 Lunch

1:30–2:30

148 Noga Alon, *Polynomials in Discrete Mathematics I: Graph Theoretic Applications*

2:40–2:55

148 Ellen Gethner*, David G. Kirkpatrick, Nicholas Pippenger, *M.C. Escher Inspires a Coloring Problem of a Different Colour: Art, Mathematics, and Computer Science Collide*

E113 Martin Charles Golumbic*, Marina Lipshteyn, *On the Hierarchy of Tolerance, Probe, and Interval Graphs*

48A-B Gayla S. Domke*, Jean E. Dunbar, Lisa R. Markus, *The Inverse Domination Number of a Graph*

50 Charles A. Anderson, *Some Sequences Related to the Catalan Numbers*

3:00–3:15

148 Peter C. B. Lam* and W. C. Shiu, *A Class of Graphs with χ^* Close to $\chi - 1$*

E113 Anthony Bonato*, Peter Cameron, Dejan Delić, Stéphan Thomassé, *New Vertex Partitions Properties of Graphs and Digraphs*

48A-B Peter Dankelmann, *Size and Domination in Graphs*

50 Wen-jin Woan, *Diagonal Lattice Paths*

3:20–3:35

148 Chao Gui*, Ronald D. Dutton, *Distribution of In-Degree in Random Digraphs*

E113 D. Aulicino*, M. Lewinter, *Pan-Central Graphs*

48A-B John Gimbel*, Mihaela Nicolescu, Cherie Umstead, Nicole Vaiana, Brian D. Van Gorden, *Location with Dominating Sets*

50 Seyoum Getu, *A 'dot' Product and Lattice Paths*

3:35–4:00 Coffee break

4:00–4:15

148 Joan P. Hutchinson, *Three- and Four-Coloring Nearly Triangulated Surfaces*

E113 Arthur M. Hobbs*, Louis Petingi, *The Weighted-Edge Case of Strength and Fractional Arboricity in Graphs*

48A-B David C. Fisher, Suzanne M. Seager*, *The Total Domination Number of Graphs of Maximum Degree* 3

50 D. Elizabeth "Betsy" Sinclair*, Julia Eaton, *Competition Between Geometric Random Variables I: One-Dimensional Results*

4:20–4:35

148 Jan Kratochvíl, Zsolt Tuza, Margit Voigt*, *b-Colorings of Graphs*

E113 Dean Hoffman, Mark Liatti*, *Partitioning the Edges of $2K_{c,d}$ into Copies of $K_{a,b}$*

48A-B Teresa Haynes, Debra Knisley*, *Colored Domination in Graphs*

50 Yung-Ling Lai, *On the Profile of the Tensor Product of Paths with Complete Bipartite Graphs*

4:40–4:55

148 Andrea Hackmann, *Critically Edge Colourable Planar Graphs*

E113 Art Finbow*, Bert Hartnell, Richard Nowakowski, Michael D. Plummer, *On Well-Covered* 5*-Connected Triagulations*

48A-B Kenneth Proffitt*, Teresa W. Haynes, Peter J. Slater, *Paired-Domination in Grid Graphs*

50 Dorea Claassen, *The Bandwidth of a Random Graph*

5:00–5:15

148 Mathew Cropper*, Andras Gyarfas, Jeno Lehel, Mike Jacobson, *Comparing the Hall Ratio and the Chromatic Number*

E113 Saad I. El-Zanati, *On Generalizations of the Oberwolfach Problem*

48A-B Ruth Haas*, Thomas Wexler, *Signed Domination Number of a Graph and Its Complement*

50 Narsingh Deo, Pankaj Gupta*, *Sampling the Web Graph With Random Walks*

5:30–6:00

148 Frank Harary, *Graphs and Their Games*

7:00–10:00 Banquet

Thursday

9:00–10:00

148 Alexander Schrijver, *Permanents and Edge-Colouring*

10:00–10:20 Coffee break

10:20–10:35

148 Ralph P. Grimaldi, *Compositions without the Summand* 1

E113 Paul Balister, Béla Bollobás, Jonathan Cutler*, Luke Pebody, *The Interlace Polynomial of Graphs at* -1

48A-B Yoshihiro Kaneko*, Stephen Locke, *Minimum Degree Approach for Paul Seymour's Conjecture*

50 Galen E. Turner III, *Subdivisions of Wheels*

10:40–10:55

148 Alain Plagne*, Laurent Habsieger, *Improved Bounds for* $B_2[2]$ *Sets*

E113 Rao Li, *Hamiltonicity of* 3*-Connected Quasi-Claw-Free Graphs*

48A-B Darren A. Narayan, *Powers of Directed Hamiltonian Paths as Feedback Arc Sets*

50 Larry Cummings, *Connected Components of Comma-Free Codes*

11:00–11:15

148 Ingo Schiermeyer, *New Ramsey Numbers for Cycles*

E113 Mahmoud El-hashash, *On the Hamiltonicity of Two Subgraphs of the Hypercube*

48A-B M.A. Fiol, J. Gimbert*, *On Almost Moore Bipartite Digraphs with Odd Diameter*

50 Narsingh Deo, Paulius Micikevicius*, *Comparison of Prüfer-like Codes for Labeled Trees*

11:20–11:35

148 Konrad Piwakowski, Stanisław P. Radziszowski*, *Towards the Exact Value of the Ramsey Number* $R(3, 3, 4)$

E113 Anant Godbole*, Debra Knisley, Rick Norwood, *Alphabet-Overlap Graphs Are Hamiltonian*

48A-B Cora Neal, 2*-Primitive Tournament Digraphs*

50 Suk Jai Seo*, Ashok T. Amin, *On Extremal Oriented Trees*

11:40–11:55

148 Ermelinda DeLaVina, *Connected Triangle-Free Ramseyan Properties of Graphs*

E113 Bill Linderman, *Minimum Graphs with Complete Closure*

48A-B Michelle Foster*, Peter Johnson, *An Existence Theorem in Information Theory*

50 Jens-P. Bode, *Triangular Polyomino Set Achievement*

12:10–12:40

148 Presentation of the 2000 Medals of the Institute of Combinatorics and its Applications

12:30–1:30 Lunch

1:30–2:30

148 Alexander Schrijver, *Graph embedding and Eigenvalues*

2:40–2:55

148 Van Vu, *Set Systems with Even Multi-Intersections*

E113 Chris Rodger*, Darryn Bryant, Y. Chang, R. Wei, *Two Dimensional Balanced Sampling Plans Excluding Contiguous Units*

48A-B Krystyna T. Balińska, Michael L. Gargano, Louis V. Quintas*, *An Edge Partition Problem Concerning Hamilton Paths*

50 Yolando B. Beronque, *On the Structure of a Distance-Regular Graph from a Maximal-Distance Subgraph*

3:00–3:15

148 Yuejian Peng*, Vojtech Rödl, Jozef Skokan, *Small Cliques in 3-Uniform Hypergraphs*

E113 K.T. Arasu, Yu Qing Chen, Alexander Pott*, *New Results on Non-abelian Relative Difference Sets*

48A-B Jay Bagga, John Emert*, J. Michael McGrew, *Visibility Graphs on the Sphere*

50 R.D. Baker, G.L. Ebert*, T. Penttila, *Hyperbolic Fibrations and Flocks of a Quadratic Cones*

3:20–3:35

148 Yulia Dementieva*, Penny Haxell, Brendan Nagle, Vojtěch Rödl, *On Characterizing Hypergraph Regularity*

E113 Ben Wehrung, *Maximum Packings of K_n with Eulerian Graphs*

48A-B Marek Kubale, *The Smallest Hard-to-Color Graph for Sequential Coloring Algorithms*

50 Keith Mellinger, *Constructing Mixed Partitions of $\mathcal{PG}(3, q^2)$*

3:35–4:00 Coffee break

4:00–4:15

148 Roger B. Eggleton*, James A. MacDougall, *Minimally Star-Saturated Graphs*

E113 Isidoro Gitler, *Coloring the Angles of Embedded Graphs*

48A-B Thomas Boehme*, Bojan Mohar, *Domination, Packing and Excluded Minors*

50 Gilles Caporossi*, Pierre Hansen, *Variable Neighborhood Search for Extremal Graphs, 1 to 7: a Short Survey*

4:20–4:35

148 József Balogh*, Béla Bollobás, Miklós Simonovits, *Estimates for the Number of L-Free Graphs*

E113 Terry McKee, *Recognizing Dual-Chordal Graphs*

48A-B B.L. Hartnell*, P.D. Vestergaard, *Dominating Sets with At Most k Components*

50 Pierre Hansen*, Mustapha Aouchiche, Gilles Caporossi, *Variable Neighborhood Search for Extremal Graphs, 8: Variations on Graffiti 105*

4:40–4:55

148 John Goldwasser, *Erdos-Ko-Rado with a Bound on the Maximum Degree*

E113 Guoli Ding, Jinko Kanno*, *Splitter Theorems for Cubic Graphs*

48A-B Bert L. Hartnell, Douglas F. Rall*, *Dominating the Cartesian Square of a Tree*

50 Dan Pritikin, *The Upper Bound for Pancake Sorting*

5:00–5:15

148 Sergei L. Bezrukov, Thomas J. Pfaff, Victor P. Piotrowski*, *A New Approach to Macaulay Posets*

E113 Nair Maria Maia de Abreu*, Patricia Erthal de Moraes, Samuel Jurkeiwicz, *Graphs with Homogeneous Density in (a, b)-Linear Classes*

48A-B John Villalpando*, Renu Laskar, *Degree Weighted Domination*

50 Dionysios Kountanis, Sathya Priya Durairaju*, *Optimal Connection of Networks with a Backbone Interconnection Network*

5:20–5:35

148 Matt Walsh*, Peter Johnson, *Another Network Vulnerability Parameter*

E113 Jay S. Bagga*, Lowell W. Beineke, Badri N. Varma, *Line Completion Numbers of Graphs*

48A-B David Erwin, Daryl Findley, John McKenzie*, Ben Phillips*, *Results on a Lower Bound on the Domination Number: I*

50 N. Sankaranarayanan, Francis Suraweera*, Narsingh Deo, *Two Protocols for Multicast Communication*

5:40–5:55

148 Salar Y. Alsardary, *An Upper Bound on the Basis Number of the Powers of the Complete Graphs*

E113 Geir Agnarsson, *On Powers of Some Geometrically Represented Graphs*

48A-B David Erwin, Daryl Findley*, John McKenzie, Ben Phillips, *Results on a Lower Bound on the Domination Number: II*

50 Anton Colijn, *The Master Timetabling Problem: Comparison of Two Approaches*

8:00–9:30 Survivor's Dessert Party

Friday

9:00–10:00

148 William Cook, *Optimization via Branch Decomposition*

10:00–10:20 Coffee break

10:20–10:35

148 Christopher Carl Heckman, *On the Tightness of the* 5/14 *Independence Ratio*

E113 Fred Buckley, *The Eccentric Digraph of a Graph*

48A-B Marc J. Lipman *, Eddie Cheng, *Connectivity Properties of Unidirectional Star Graphs*

50 Jilyana Cazaran, *A Modification of the Welch-Berlekamp Algorithm for Decoding Reed-Solomon Codes*

10:40–10:55

148 Wendy Myrvold*, Sean Debroni, B. de La Vaissière, P.W. Fowler, M. Deza, *Finding a Maximum Independent Set in the* 120*-Cell*

E113 Gcina Dlamini, *Distances in $K_{2,l}$-Free Graphs*

48A-B Eddie Cheng*, Sven De Vries, *Separation Problems of Antiweb-Wheel Inequalities of the Stable Set Polytopes*

50 Cem Guneri, *Two Weight 2-D Cyclic Codes Using Rational Curves*

11:00–11:15

148 Gerd H. Fricke*, Teresa W. Haynes, Sandra M. Hedetniemi and Stephen T. Hedetniemi, Renu C. Laskar, *Excellent Trees*

E113 D.V. Chopra*, M. Bsharat, *Contributions to Some Combinatorial Arrays*

48A-B Nageswara S.V. Rao*, Nachimuthu Manickam, *On General Quickest Path Problem and Path-Tables*

50 Feliu Sagols*, Laura P. Riccio, Charles J. Colbourn, *Dominated Error Correcting Codes with Distance Two*

11:30–12:30

148 William Cook, *The Traveling Salesman Problem*

12:30–1:30 Lunch

1:30–1:45

148 Serge Lawrencenko, Niek Sanders*, *Bipyramids of Arbitrary Genus*

E113 Ernest J. Cockayne, Michael A. Henning*, Christina M. Mynhardt, *Vertices Contained in Every Minimum Total Dominating Set of a Tree*

48A-B Jerzy Wojciechowski, *Minimal Equitability of Hairy Cycles*

50 Soumen Maity, Bimal Roy, Amiya Nayak*, *Identification of Optimal Link Redundancy for which a Given Fault Pattern is Catastrophic*

1:50–2:05

148 Dietmar Cieslik, *The Steiner Ratio*

E113 Sin-Min Lee*, Siu-Ming Tong, *On Super Edge-Magic Deficiencies of Join of Graphs*

48A-B John Holliday* and Peter Johnson, *More on the Shields-Harary Numbers of Two Intersecting Cliques*

50 Nachimuthu Manickam*, Nageswara S. Rao, *Cooperative Terrain Model Acquisition by Robot Teams*

2:10–2:25

148 Edgar Reyes*, Carl Steidley, *Remarks on the Combinatorial Optimization Problem Associated to Global Wiring of Integrated Circuits*

E113 J. Malerba, M. Gargano, M. Lewinter* *Paintable Graphs*

48A-B Sul-young Choi, Puhua Guan*, *On an Erdös' Question Concerning the Existence of a Large Proper Subgraph with Vertices of Degree At Least* 3

50 Dionysios Kountanis*, Changchun Yang, *Improvement of Multiprocessor Scheduling Through Scheduling Graphs*

2:30–2:45

148 Rajneesh Hegde*, Robin Thomas, *Finding* 3*-Shredders Efficiently*

E113 Hovhannes Harutyunyan, *On Optimal Broadcasting in Digraphs*

48A-B David R. Guichard, *Redundance of Grid Graphs*

50 Adam Krzyzak*, Stan Klasa, *On convergence of neural network regression estimates and classification rules*