

7:30 – 9:00 breakfast

| | |
|-------------|---|
| 9:00 – 9:05 | Opening |
| chairman: | Z. Skupień |
| 9:05 – 9:55 | R. Faudree , <i>Linear forests on Hamiltonian cycles</i> , room A |

9:55 – 10:25 coffee break

| | | | |
|---------------|--|--|---|
| chairman: | J. Harant | L. Plachta | E. Sidorowicz |
| 10:25 – 10:45 | D. Meierling <i>Improvements on the Erdős-Pósa function for long cycles</i> | J. Czap <i>1-planarity of graph joins</i> | I. Gorgol <i>Anti-Ramsey Numbers in complete split graphs</i> |
| 10:50 – 11:10 | B. Candráková <i>Traveling salesman problem on cubic graphs</i> | S. Jendroľ <i>Facial packing edge-coloring of plane graphs</i> | A. Fiedorowicz <i>New type of Ramsey numbers</i> |
| 11:15 – 11:35 | T. Sugiyama <i>Forbidden subgraphs and the existence of spanning k-walk</i> | J.B. Gauci <i>A generalisation of wheel graphs</i> | Z.L. Nagy <i>Density variant of the Ramsey problem</i> |
| 11:45 – 12:05 | B. Reed <i>Truly Canonical Tree Decomposition and Fast Isomorphism Testing in Minor Closed Classes</i> | P. Gordinowicz <i>Planar graph is on fire</i> | P. Široczki <i>The dimension of Mycielskians of graphs</i> |
| 12:10 – 12:30 | M. Horňák <i>On the maximum weight of a dense connected graph of given order and size</i> | P. Hudák <i>Light path in 4-critical planar graphs</i> | A. Włoch <i>On distance Fibonacci numbers</i> |

13:00 – 14:00 lunch

| | |
|---------------|--|
| chairman: | B. Reed |
| 15:00 – 15:50 | K. Kawarabayashi , <i>Coloring graphs with some forbidden or restricted configurations</i> , room A |

15:50 – 16:20 coffee break

| | | | |
|---------------|--|---|--|
| chairman: | B. Reed | B. Ruini | I. Gorgol |
| 16:20 – 16:40 | M. Vizer <i>On the paint number of $K_{n,n}$</i> | J. Harant <i>Minima for Graphs</i> | G. Wiener <i>Leaf-critic graphs</i> |
| 16:45 – 17:05 | I. Schiermeyer <i>Chromatic number of P_5-free graphs: Reed's conjecture</i> | N. Le <i>Augmenting Approach for the Maximum Set Problem</i> | A. Bień <i>On the problem of characterizing the structure of rectangular and hexagonal planar grids</i> |
| 17:10 – 17:30 | J. Przybyło <i>Neighbour distinguishing edge colourings and locally irregular graph decompositions</i> | M. Tuczyński <i>Counting independent sets via Divide Measure and Conquer method</i> | E. Škrabuláková <i>About the Thue Chromatic Number of Lexicographic Products of Graphs</i> |
| 17:35 – 17:55 | A. Kemnitz <i>Sum list colorings of complete multipartite graphs</i> | M. Kotrbčík <i>Equimatchable factor-critical graphs and graphs with independence number two</i> | G. Boruzanli <i>Super Connectivity of Kronecker product of complete bipartite graphs and complete graphs</i> |

18:30 welcome party

7:30 – 9:00 breakfast

| | |
|---------------|--|
| chairman: | B. Brešar |
| 9:00 – 9:50 | W. Imrich , <i>Recognition and Weak Reconstruction of Product Graphs</i> , room A |
| 10:00 – 10:50 | M. Škoviera , <i>Graph Theory versus Signed Graph Theory</i> , room A |

10:50 – 11:20 coffee break

| | | | |
|---------------|--|---|---|
| chairman: | M. Sysło | M. Tsuchiya | D. Meierling |
| 11:20 – 11:40 | K. Meslem <i>On a Game Distinguishing Number in Graphs</i> | M. Rosicka <i>Contradiction and Assignment Numbers</i> | L. Plachta <i>Coverings of cubic graphs, embeddings and edge colorability</i> |
| 11:45 – 12:05 | F. Lehner <i>Cops, robbers and infinite graphs</i> | N. Afzaly <i>Generation of different classes of graphs by canonical construction path</i> | J. Sedlar <i>Extremal graphs with respect to augmented eccentric connectivity index</i> |
| 12:10 – 12:30 | E. Rollová <i>On nowhere-zero flows on signed series-parallel graphs</i> | N. Chiarelli <i>On equistarable bipartite graphs</i> | R. Lewoń <i>Strategic balance in graphs</i> |
| 12:35 – 12:55 | E. Máčajová <i>Vertex colourings of signed graphs</i> | M. Anholcer <i>Spectra of graphs and closed distance magic labelings</i> | M. Małafiejski <i>Global defensive sets in graphs</i> |

13:00 – 14:00 lunch

7CCGT Tuesday (September 16) - afternoon session

| | |
|---------------|---|
| chairman: | Zs. Tuza |
| 15:00 – 15:50 | A. Ruciński , <i>Extremal aspects of hypergraph Hamiltonicity</i> , room A |

15:50 – 16:20 coffee break

| | | | |
|---------------|---|---|--|
| chairman: | Zs. Tuza | Cs. Bujtás | B. Patkós |
| 16:20 – 16:40 | P. Szabó <i>Bounds on the Number of Edges in Hypertrees</i> | B. Udvari <i>On the rectilinear crossing number of K_n</i> | G. Raeisi <i>Some extensions of total coloring of graphs</i> |
| 16:45 – 17:05 | Ch. Löwenstein <i>The Fano Plane and the Strong Independence Ratio in Hypergraphs of Maximum Degree Three</i> | K. Węsek <i>Fractional and j-fold colouring of the plane</i> | R. Lukot'ka <i>Perfect matchings in highly connected regular graphs</i> |
| 17:10 – 17:30 | E. Jackowska <i>The 3-colored Ramsey number of 3-uniform loose paths of length 3</i> | K. Wolska <i>On topological indices and graph transformations</i> | P. Bednarz <i>On the existence and the number of $(2d)$-kernels in graphs</i> |
| 17:35 – 17:55 | Problem session I chairman: I. Schiermeyer | | |

18:00 – 19:00 dinner

7CCGT Wednesday (September 17)

7:30 – 9:00 breakfast

A full-day excursion. There are two options:

1) hiking in Beskid Mountains (up to 1200 m above sea level; good shoes and a waterproof anorak are advisable),

2) bus tour to some interesting sites in Beskid Sadecki.

Lunch during the excursion.

13:00 – 14:00 lunch (for participants who stay in the hotel)

18:00 – 19:00 dinner

7CCGT

Thursday (September 18) - morning session

7:30 – 9:00 breakfast

| | |
|---------------|---|
| chairman | S. Jendrol' |
| 9:00 – 9:50 | A. Gyárfás , <i>Vertex covers by monochromatic pieces - results and problems</i> , room A |
| 10:00 – 10:50 | D. Rautenbach , <i>On maximum and maximal independent sets</i> , room A |

10:50 – 11:20 coffee break

| | | | |
|---------------|---|---|--|
| chairman | A. Kemnitz | M. Mészka | A. Marczyk |
| 11:20 – 11:40 | Cs. Bujtás <i>Improved upper bounds for the domination number</i> | A. Rosa <i>On a conjecture of Mariusz Mészka</i> | M. Sysło <i>Problems, conjectures, and results on poset embeddings</i> |
| 11:45 – 12:05 | B. Brešar <i>Dominating sequences in graphs</i> | B. Ruini <i>G-designs T-embedded into H-designs</i> | B. Patkós <i>Supersaturation and stability for forbidden subposet problems</i> |
| 12:10 – 12:30 | M. Krzywkowski <i>Domination stability in graphs</i> | K. Junosza-Szaniawski <i>Fastest, average and quantile schedule</i> | M. Tsuchiya <i>On strict-double-bound graphs and trees</i> |
| 12:35 – 12:55 | Zs. Tuza <i>Two-person games related to dominating sets in graphs</i> | D. Kotlar <i>Computing the autotopy group of a Latin squares by cycle structure of rows</i> | Ch. Brause <i>Kernelization of the 3-path vertex cover problem</i> |

13:00 – 14:00 lunch

7CCGT Thursday (September 18) - afternoon session

| | |
|---------------|--|
| chairman | A. Rosa |
| 15:00 – 15:50 | É. Sopena , <i>Homomorphisms and colourings of oriented graphs</i> , room A |

15:50 – 16:20 coffee break

| | | | |
|---------------|---|---|---|
| chairman | A. Rosa | A.P. Wojda | V. Modrak |
| 16:20 – 16:40 | J. Dybizbański <i>The oriented chromatic number of Halin graphs</i> | M. Borowiecka-Olszewska <i>The deficiency of all generalized Hertz graphs and minimal consecutively non-colourable graphs in this class</i> | L. Ozsvárt <i>Avoiding ordered graphs</i> |
| 16:45 – 17:05 | I. Peterin <i>Partitioning vertices of G to find efficient open domination graphs among $G \square H$</i> | P. Petrosyan <i>Interval Cyclic Edge-Colorings of Graphs</i> | M. Mockovčiaková <i>On a generalization of Thue sequences</i> |
| 17:10 – 17:30 | K. Bérczi <i>Packing arborescences under matroid constraints</i> | H. Khachatryan <i>Interval edge-colorings of complete graphs</i> | M. Pokorný <i>S-integral Complete Split Graphs</i> |
| 17:35 – | Problem session II chairman: I. Schiermeyer | | |

19:00 banquet

7CCGT

Friday (September 19) - morning session

7:30 – 9:00 breakfast

| | |
|-------------|--|
| chairman | L. Lesniak |
| 9:00 – 9:50 | J. Kratochvil , <i>Extending Partial Geometric Representations of Graphs</i> , room A |

9:50 – 10:20 coffee break

| | | | |
|---------------|--|---|--|
| chairman | M. Horňák | M. Małafiejski | D. Kotlar |
| 10:20 – 10:40 | Cs. Király <i>On minimally k-rigid graphs</i> | A. Kiss <i>Space Decreasing Techniques for 3D VLSI Routing</i> | K. Powroźnik <i>The density Turán problem for some graphs</i> |
| 10:45 – 11:05 | I. González Yero <i>The k-metric dimension of graphs</i> | A. Mándli <i>Unsupervised Error Estimation of Autonomous Agent Networks</i> | S. Kieliszek <i>Turán numbers for disjoint copies of paths</i> |
| 11:10 – 11:30 | V. Modrak <i>Determining the number of all possible rooted trees based on number of initial nodes through integer partitions</i> | | K. Dąbrowska <i>Ramsey numbers for some subgraphs of wheels versus paths or cycles</i> |

12:00 – 14:00 lunch