



Tuesday 11

(Monday 10)	Registration		
17:30-20:00			
8:30-9:30	Registration		
9:30-10:30	<i>Locally Constrained Graph Homomorphisms: From Graph Covers to Frequency Assignment</i> Jan Kratochvíl		
10:30-11:00	Coffee break		
	lecture room A	lecture room B	lecture room C
11:00-11:20	<i>Removing degeneracy may require unbounded dimension increase</i> Jiří Matoušek and Petr Škovroň	<i>The t-improper chromatic number of random graphs</i> Ross Kang and Colin McDiarmid	<i>On Mixed Codes with Covering Radius 1 and Minimum Distance 2</i> W. Haas and J. Quistorff
11:20-11:40	<i>How many points can be reconstructed from k projections?</i> Jiří Matoušek, Aleš Přívětivý and Petr Škovroň	<i>The order of the largest complete minor in a random graph</i> Nikolaos Fountoulakis, Daniela Kühn and Deryk Osthus	<i>On circle graphs with girth at least five</i> Louis Esperet and Pascal Ochem
11:40-12:00	<i>On embedding triconnected cubic graphs on point sets</i> Alfredo García, Ferran Hurtado, Clemens Huemer, Javier Tejel and Pavel Valtr	<i>Deterministic Random Walks on Regular Trees</i> Joshua Cooper, Benjamin Doerr, Tobias Friedrich and Joel Spencer	<i>SPT(q,k,n)-codes</i> Attila Sali and László Székely
12:00-12:20	<i>New results on lower bounds for the number of at most k-facets</i> Oswin Aichholzer, Jesús García, David Orden and Pedro Ramos	<i>Lattice paths with periodic boundaries</i> Joseph PS Kung, Anna de Mier, Xinyu Sun and Catherine Yan	<i>A fast algorithm to generate Beckett-Gray codes</i> Joe Sawada and Dennis Chi-Him Wong
12:20-14:30	Lunch		
14:30-15:30	<i>Random graphs on surfaces</i> Colin J.H. McDiarmid		
15:30-16:00	Coffee break		
	lecture room A	lecture room B	lecture room C
16:00-16:20	<i>On the Erdős -- Szekeres problem</i> Vitaliy A. Koshchelev	<i>Measurable sets with excluded distances</i> Boris Bukh	<i>Removing Even Crossings on Surfaces</i> Michael J. Pelsmayer, Marcus Schaefer and Daniel Štefankovič
16:20-16:40	<i>Characterization of affine Steiner triple systems and Hall triple systems</i> Daniel Král', Edita Máčajová, Attila Pór and Jean-Sébastien Sereni	<i>Finding Paths Between Graph Colourings: Computational Complexity and Possible Distances</i> Paul Bonsma, Luis Cereceda, Jan van den Heuvel and Matthew Johnson	<i>The crossing number of a projective graph is quadratic in the face-width</i> Isidoro Gitler, Petr Hliněný, Jesus Leaños and Gelasio Salazar
16:40-17:00	<i>Functions over finite fields that determine few directions</i> Simeon Ball	<i>On the Chromatic Numbers of \mathbb{R}^2 and \mathbb{R}^3 with Intervals of Forbidden Distances</i> Leonid L. Ivanov	<i>Enumeration of simple complete topological graphs</i> Jan Kynčl
17:00-17:20	<i>Bijjective counting of plane bipolar orientations</i> Éric Fusy, Dominique Poulalhon and Gilles Schaeffer	<i>Regular chromatic number and the lonely runner problem</i> Javier Barajas Tomás and Oriol Serra	<i>Folding and Spiralling: The Word View</i> Marcus Schaefer, Eric Sedgwick and Daniel Štefankovič



Wednesday 12

8:45-9:45	<i>Counting Crossing-free configurations on planar point sets</i> Emo Welzl		
9:45-10:15	Coffee break		
	lecture room A	lecture room B	lecture room C
10:15-10:35	<i>On components of 2-factors in claw-free graphs</i> Hajo Broersma, Daniel Paulusma and Kiyoshi Yoshimoto	<i>Matching graphs of Hypercubes and Complete Bipartite Graphs</i> Jiří Fink	<i>On the packing chromatic number of Cartesian products, hexagonal lattice, and trees</i> Boš tjan Brešar, Sandi Klavžar and Douglas F. Rall
10:35-10:55	<i>Approximation algorithms and hardness results for the clique packing problem</i> Frédéric Chataigner, Gordana Manić, Yoshiko Wakabayashi and Raphael Yuster	<i>Edge Multiplicity and Other Trace Functions</i> Gábor Wiener	<i>Asymptotics of the chromatic number for quasi-line graphs</i> Andrew D. King and Bruce Reed
10:55-11:15	<i>Acyclic dominating partitions</i> Louigi Addario-Berry and Ross Kang	<i>Fast winning strategies in positional games</i> Dan Hefetz, Michael Krivelevich, Miloš Stojaković and Tibor Szabó	<i>Game chromatic number of Cartesian product graphs</i> Tomasz Bartnicki, Bostjan Brešar, Jarosław Grytczuk, Matjaž Kovše, Zofija Miechowicz and Iztok Peterin
11:15-11:35	<i>Embedding spanning subgraphs of small bandwidth</i> Julia Böttcher, Mathias Schacht and Anusch Taraz	<i>Generalizations of Heilbronn's Triangle Problem</i> Hanno Lefmann	<i>List Colouring Squares of Planar Graphs</i> Frédéric Havet, Jan van den Heuvel, Colin McDiarmid and Bruce Reed
11:35-11:45	Short break		
11:45-12:15	Poster talks <ul style="list-style-type: none"> • <i>Directed Hypergraphs: A Tool for Researching Digraphs and Hypergraphs</i> - Hortensia Galeana-Sánchez, Martín Manrique • <i>k-pyramidal 2-factorizations of the complete graph</i> - Gloria Rinaldi • <i>The Hierarchical Product of Graphs</i> - Lali Barrière, Francesc Comellas, Cristina Dalfó, Miquel Àngel Fiol • <i>A heuristic for broadcasting in power-law networks</i> - E. Bendito, A. Carmona, A.M. Encinas, J.M. Gesto, M. Mitjana 		
12:15-14:30	Lunch		
14:30-15:30	<i>The game of HEX – its history and theory</i> Bjarne Toft		
15:30-16:00	Coffee break		
16:00-17:00	Business meeting		
20:00	Visit to Los Reales Alcázares and Prize awardening		



Thursday 13

8:45-9:45	<i>Leray complexes - combinatorics and geometry</i> Roy Meshulam		
9:45-10:15	Coffee break		
	lecture room A	lecture room B	lecture room C
10:15-10:35	<i>Large Monochromatic Components in Two-colored Grids</i> Jiří Matoušek and Aleš Přivětivý	<i>Bounds on the Number of Maximal Sum-Free Sets</i> Guy Wolfovitz	<i>Homomorphisms and Polynomial Invariants of Graphs</i> Delia Garijo, Jaroslav Nešetřil and M. Pastora Revuelta
10:35-10:55	<i>Graph coloring with no large monochromatic components</i> Nathan Linial, Jiří Matoušek, Or Sheffet and Gábor Tardos	<i>The Hardness of Approximating Poset Dimension</i> Rajneesh Hegde and Kamal Jain	<i>On Finite Maximal Antichains in the Homomorphism Order</i> Jan Foniok, Jaroslav Nešetřil and Claude Tardif
10:55-11:15	<i>Coloring circle graphs</i> Jakub Černý	<i>Optimizing diversity</i> Yannick Frein, Benjamin Lévêque and András Sebő	<i>Study of Critical Sets in Latin Squares by using the Autotopism Group</i> Raúl Falcón
11:15-11:35	<i>Oriented vertex and arc-colorings of partial 2-trees</i> Pascal Ochem and Alexandre Pinlou	<i>Discrepancy of Sums of two Arithmetic Progressions</i> Nils Hebbinghaus	<i>Finite duality for some minor closed classes homomorphisms</i> Yared Nigussie and Jaroslav Nešetřil
11:35-11:45	Short break		
11:45-12:15	Poster talks		
	<ul style="list-style-type: none"> • <i>P1F Generalized Petersen Graphs</i> - S. Bonvicini, G. Mazzuocolo • <i>On the automorphism group of a 2-factorization of the complete graph</i> - Giuseppe Mazzuocolo • <i>On the Spectra of Hypertrees</i> - Lali Barrière, Francesc Comellas, Cristina Dalfó, Miquel Àngel Fiol • <i>4-critical wheel graphs of higher order</i> - Dainis Zeps 		
12:15-14:30	Lunch		
14:30-15:30	<i>Cycles and cliques minors in expanders</i> Benny Sudakov		
15:30-16:00	Coffee break		
	lecture room A	lecture room B	lecture room C
16:00-16:20	<i>Convex Partitions of Graphs</i> Danilo Artigas, Mitre C. Dourado and Jayme L. Szwarcfiter	<i>Normal Cayley digraphs on minimal non-abelian groups</i> Mehdi Alaeiyan and Mohsen Ghasemi	<i>Ramsey numbers of sparse hypergraphs</i> Daniela Kühn, Oliver Cooley, Nikolaos Fountoulakis and Deryk Osthus
16:20-16:40	<i>Extremal graph theory for metric dimension and diameter</i> Carmen Hernando, Merce Mora, Ignacio M. Pelayo, Carlos Seara and David R. Wood	<i>Generalizations of Khovanskii's theorem on growth of sumsets in abelian semigroups</i> Vít Jelínek and Martin Klazar	<i>Linear Ramsey numbers for bounded-degree hypergraphs</i> Yoshiyasu Ishigami
16:40-17:00	<i>Vertex fusion under diameter constraints</i> Marc Comas and Maria Serna	<i>A Spectral study of the Manhattan Networks</i> Francesc Comellas, Cristina Dalfó, Miquel Angel Fiol and Margarida Mitjana	<i>On some extremal properties of hypergraph colorings</i> Dmitry A. Shabanov
17:00-17:20	<i>Isometric embeddings of subdivided complete graphs in the hypercube</i> Laurent Beaudou, Sylvain Gravier and Kahina Meslem	<i>The multidimensional Manhattan network</i> Francesc Comellas, Cristina Dalfó and Miguel Angel Fiol	<i>Partial Colorings of Unimodular Hypergraphs</i> Benjamin Doerr
20:30	Conference banquet in Rio Grande restaurant		

Friday 14

8:45-9:45	<i>Incidence bounds over rational points</i> Jozsef Solymosi		
9:45-10:15	Coffee break		
	lecture room A	lecture room B	lecture room C
10:15-10:35	<i>A minimum degree condition forcing a digraph to be k-linked</i> Deryk Osthus and Daniela Kühn	<i>NP for combinatorists</i> Gábor Kun and Jaroslav Nešetřil	<i>An approximate version of the Loeb-Komlós-Sós conjecture</i> Diana Piguet and Maya Stein
10:35-10:55	<i>Circular-imperfection of triangle-free graphs</i> Jens Kuhpfahl, Annegret K. Wagler and Christian Wagner	<i>Partial Satisfaction of k-Satisfiable Formulas</i> Dominik Scheder and Claudia Käppeli	<i>Detecting induced subgraphs</i> Benjamin Lévêque, David Y. Lin, Frédéric Maffray and Nicolas Trotignon
10:55-11:15	<i>Graph classes with given 3-connected components: asymptotic counting and critical phenomena</i> Omer Giménez, Marc Noy and Juan José Rué	<i>Sets of Gaps in Sequences of Frobenius' Problems with 3 Elements</i> Francesc Aguiló-Gost	<i>Induced trees in triangle-free graphs</i> Robert Šámal and Jiří Matoušek
11:15-11:35	<i>The Connectivity of addition Cayley graphs</i> David Grynkiewicz, Vsevolod F. Lev and Oriol Serra	<i>Generating functions and the solutions of full history recurrence equations</i> Minh Tang	<i>On the Cubicity of Interval Graphs</i> L. Sunil Chandran, Mathew C. Francis and Naveen Sivadasan
11:35-12:15	Short break		
12:15-14:30	Lunch		
14:30-15:30	<i>New perspectives in graph enumeration</i> Marc Noy		
15:30-16:00	Coffee break		
	lecture room A	lecture room B	lecture room C
16:00-16:20	<i>Spectral and Geometric Properties of k-Walk-Regular Graphs</i> Miguel Angel Fiol and Ernest Garriga	<i>Claw-free circular-perfect graphs</i> Arnaud Pêcher and Xuding Zhu	<i>Feasibility of the Mixed Postman Problem with Restrictions on the Edges</i> Francisco Javier Zaragoza Martínez
16:20-16:40	<i>Bijjective combinatorics of positive braids</i> Marie Albenque	<i>Approximation of 3-Edge-Coloring of Cubic Graphs</i> Martin Kochol, Nad'a Krivoňáková, Silvia Smejová and Katarína Šranková	<i>Bipartite operator decomposition of graphs and the reconstruction conjecture</i> Pavel V. Skums and Regina I. Tyshkevich
16:40-17:00	<i>Fibonacci polynomials: compositions and cyclic products</i> Volker Strehl	<i>Edge-colorings of cubic graphs with elements of point-transitive Steiner triple systems</i> Daniel Král', Edita Máčajová, Attila Pór and Jean-Sébastien Sereni	<i>Hamiltonian fault-tolerance of hypercubes</i> Tomáš Dvořák and Petr Gregor
17:00-17:20	<i>Fully Optimal Bases and the Active Bijection in Graphs, Hyperplane Arrangements and Oriented Matroids</i> Emeric Gioan and Michel Las Vergnas		<i>Two New Classes of Hamiltonian Graphs</i> Esther M. Arkin, Joseph S. B. Mitchell and Valentin Polishchuk



Saturday 15

8:45-9:45	<i>Random planar graphs</i> Angelika Steger		
9:45-10:15	Coffee break		
10:15-11:15	<i>Regular partitions on sparse graphs and applications</i> Patrice Ossona de Mendez		
11:15-11:30	Short break		
	lecture room A	lecture room B	lecture room C
11:30-11:50	<i>Constrained Ramsey Numbers</i> Po-Shen Loh and Benny Sudakov	<i>An infinite family of sharply two-arc transitive digraphs</i> Sònia Mansilla	
11:50-12:10	<i>On Ramsey Type Problems in Combinatorial Geometry</i> Andrei M. Raigorodskii	<i>Size of Graphs with High Girth</i> Encarnación Abajo and Ana Diánez	
12.10-12:30	<i>Induced Ramsey-type theorems</i> Jacob Fox and Benny Sudakov	<i>On a Häggkvist's conjecture with the Polynomial Method</i> Marc Cámara, Anna Lladó and Jordi Moragas	