

EuroComb'11 Program: <b>August 29, Monday</b>				
8:00-14:00	Registration			
9:00-9:10	Opening			
9:10-10:00	Nets Hawk Katz: <i>Erdős' distinct distances problem in the plane</i>			
10:00-10:30	Coffee break			
	Lecture Room A	Lecture Room B	Lecture Room C	Lecture Room D
10:30-10:50	Nikolaos Fountoulakis, <b>Ross J. Kang</b> and Colin McDiarmid: <i>Largest sparse subgraphs of random graphs</i>	<b>Agnieszka Polak</b> and Daniel Simson: <i>Symbolic and numerical computation in determining <math>P</math>-critical unit forms and Tits <math>P</math>-critical posets</i>	<b>Michal Kotrbčík</b> : <i>Maximum genus of regular graphs</i>	Vadim Levit and <b>David Tankus</b> : <i>Lower Bounds on the Odds Against Tree Spectral Sets</i>
10:55-11:15	<b>Kunal Dutta</b> and C.R. Subramanian: <i>On induced acyclic subgraphs in sparse random digraphs</i>	<b>Noah Streib</b> and William Trotter: <i>Dimension and height for posets with planar cover graphs</i>	Anna de Mier, Andrew Goodall, Steven Noble and <b>Marc Noy</b> : <i>The Tutte polynomial characterizes simple outerplanar graphs</i>	Csilla Bujtás and <b>Zsolt Tuza</b> : <i>Combinatorial batch codes: Extremal problems under Hall-type conditions</i>
11:30-11:50	Hiệp Hàn, <b>Yury Person</b> and Mathias Schacht: <i>Note on forcing pairs</i>	<b>Jiří Fink</b> and Petr Gregor: <i>Linear extension diameter of subposets of Boolean lattice induced by two levels</i>	<b>Clément Charpentier</b> , Mickaël Montassier and André Raspaud: <i>Minmax degree of planar graphs</i>	Hervé Hocquard, Pascal Ochem and <b>Petru Valicov</b> : <i>Bounds and complexity results for strong edge colouring of subcubic graphs</i>
11:55-12:15	<b>Marianna Bolla</b> : <i>Spectra and structure of weighted graphs</i>	<b>Harout Aydinian</b> and Péter L. Erdős: <i>On two-part Sperner systems for regular posets</i>	Lali Barrière, <b>Clemens Huemer</b> , Dieter Mitsche and David Orden: <i>On the Fiedler value of large planar graphs</i>	Nils Hebbinghaus & <b>Anand Srivastav</b> : <i>Discrepancy of centered arithmetic progressions in <math>\mathbb{Z}_p</math></i>
12:15-14:00	Lunch break			
14:00-14:50	Eyal Lubetzky: <i>Cycle factors, Renewals and the Comb Conjecture</i>			
14:50-15:25	Coffee break			
	Lecture Room A	Lecture Room B	Lecture Room C	Lecture Room D
15:25-15:45	<b>Luca Gugelmann</b> , Yury Person, Angelika Steger and Henning Thomas: <i>A Randomized Version of Ramsey's Theorem</i>	<b>Richard Mycroft</b> : <i>Packing <math>k</math>-partite <math>k</math>-uniform hypergraphs</i>	Robin Christian, Bruce Richter and <b>Gelasio Salazar</b> : <i>Asymptotically settling Zarankiewicz's Conjecture in finite time, for each <math>m</math></i>	<b>Vladimir Blinovsky</b> : <i>Complete Intersection Theorem for Permutations</i>
15:50-16:10	<b>Benjamin Doerr</b> and Mahmoud Fouz: <i>Asymptotically optimal randomized rumor spreading</i>		<b>Radoslav Fulek</b> and Andrew Suk: <i>On disjoint crossing families in geometric graphs</i>	Graham Brightwell, Gérard Cohen, Emanuela Fachini, Marianne Fairthorne, János Körner, <b>Gábor Simonyi</b> and Ágnes Tóth: <i>Permutation Capacities and Oriented Infinite Paths</i>
16:25-16:45	Benjamin Doerr, <b>Mahmoud Fouz</b> and Tobias Friedrich: <i>Social Networks Spread Rumors in Sublogarithmic Time</i>	Tomás Feder, <b>Pavol Hell</b> and Shekoofeh Nekooei Rizi: <i>Partitioning Chordal Graphs</i>	<b>Jesús Leaños</b> , Oswin Aichholzer, Bernardo Ábrego, Silvia Fernández-Merchant and Gelasio Salazar: <i>There is a unique crossing-minimal rectilinear drawing of <math>K_{18}</math></i>	Antônio Bastos, <b>Carlos Hoppen</b> , Yoshiharu Kohayakawa and Rudini Sampaio: <i>Every hereditary permutation property is testable</i>
16:50-17:10	Konstantinos Panagiotou, Reto Spöhel, Angelika Steger and <b>Henning Thomas</b> : <i>Explosive Percolation in Erdős-Rényi-Like Random Graph Processes</i>	<b>Alexey Pokrovskiy</b> : <i>Partitioning 3-coloured complete graphs into three monochromatic paths</i>	Bojan Mohar and <b>Tamon Stephen</b> : <i>Expected Crossing Numbers</i>	Filippo Disanto, Enrica Duchi, Simone Rinaldi and <b>Gilles Schaeffer</b> : <i>Permutations with few internal points</i>

August 30, Tuesday				
9:10-10:00	Balázs Szegedy: <i>Higher order Fourier analysis</i>			
10:00-10:30	Coffee break			
	Lecture Room A	Lecture Room B	Lecture Room C	Lecture Room D
10:30-10:50	<b>Zoltán Füredi:</b> <i>Linear paths and trees in uniform hypergraphs</i>	Roman Čada, <b>Shuya Chiba</b> and Kiyoshi Yoshimoto: <i>2-factors in claw-free graphs</i>	<b>Julio Araujo</b> , Victor Campos, Frédéric Giroire, Leonardo Sampaio and Ronan Soares: <i>On the hull number of some graph classes</i>	<b>Archontia Giannopoulou</b> and Dimitrios Thilikos: <i>A min-max theorem for LIFO-search</i>
10:55-11:15	Pavle Blagojević, <b>Boris Bukh</b> and Roman Karasev: <i>Turán numbers for <math>K_{s,t}</math>-free graphs: topological obstructions and algebraic constructions</i>	<b>Vadim Levit</b> and Eugen Mandrescu: <i>A Characterization of König-Egerváry Graphs Using a Common Property of All Maximum Matchings</i>	<b>Petr Gregor</b> , Riste Škrekovski and Vida Vukašinić: <i>On the queue-number of the hypercube</i>	<b>Torsten Mütze</b> and Reto Spöhel: <i>On the path-avoidance vertex-coloring game</i>
11:30-11:50	<b>Andrew Treglown</b> , Daniela Kühn and Deryk Osthus: <i>Matchings in 3-uniform hypergraphs of large minimum vertex degree</i>	<b>Viola Mészáros:</b> <i>An upper bound on the size of separated matchings</i>	<b>Arnaud Pêcher</b> and Annegret Wagler: <i>Computing the clique number of <math>a</math>-perfect graphs in polynomial time</i>	Asaf Ferber, <b>Dan Hefetz</b> and Michael Krivelevich: <i>Fast embedding of spanning trees in biased Maker-Breaker games</i>
11:55-12:15	<b>Younjin Kim</b> and Zoltán Füredi: <i>Minimum <math>C_k</math>-saturated graphs</i>	Ken-ichi Kawarabayashi and <b>Kenta Ozeki:</b> <i>Hamilton cycles in 4-connected triangulations of the torus</i>	Cédric Bentz, Marie-Christine Costa, Dominique de Werra, Christophe Picouleau and <b>Bernard Ries:</b> <i>Minimum <math>d</math>-Transversals of Maximum-Weight Stable Sets in Trees</i>	Luca Gugelmann and <b>Reto Spöhel:</b> <i>On Balanced Coloring Games in Random Graphs</i>
12:15-14:00	Lunch break			
14:00-14:50	Daniela Kühn: <i>Hamilton cycles in graphs and directed graphs</i>			
14:50-16:00	Coffee break and <b>Poster session</b>			
	Lecture Room A	Lecture Room B	Lecture Room C	Lecture Room D
16:00-16:20	<b>Demetres Christofides</b> , Jan Hladký and András Máthé: <i>A proof of the dense version of Lovász conjecture</i>	<b>Ameera Chowdhury:</b> <i>On a Conjecture of Frankl and Füredi</i>	<b>Balázs Keszegh</b> and Dömötör Pálvölgyi: <i>Octants are Cover Decomposable</i>	<b>Hidehiro Shinohara</b> and Tadashi Sakuma: <i>On circular thin Lehman matrices</i>
16:25-16:45	Peter Allen, Julia Böttcher, Jan Hladký and <b>Diana Piguet:</b> <i>A density Corrádi-Hajnal theorem</i>		<b>David Pritchard</b> and Filip Morić: <i>Counting large distances in convex polygons: A computational approach</i>	Oriol Serra and <b>Lluís Vena:</b> <i>On the number of monochromatic solutions of integer linear systems on Abelian groups</i>
17:00-17:20	Julia Böttcher, Anusch Taraz and <b>Andreas Würfl:</b> <i>Induced <math>C_5</math>-free graphs of fixed density: counting and homogeneous sets</i>	<b>Peter Borg:</b> <i>The maximum sum and product of sizes of cross-intersecting families</i>	<b>Marie Albenque</b> , Éric Fusy and Dominique Poulalhon: <i>On symmetric quadrangulations</i>	
17:25-17:45	Shinya Fujita, <b>Henry Liu</b> and Colton Magnant: <i>Rainbow <math>k</math>-connection in Dense Graphs</i>	János Barát, Zoltán Füredi, Ida Kantor, Younjin Kim and <b>Balázs Patkós:</b> <i>Large <math>B_d</math>-free and union-free subfamilies</i>	<b>Naoki Matsumoto</b> and Atsuhiko Nakamoto: <i>Transformations in hexangulations on the sphere</i>	<b>Maria Bras-Amorós:</b> <i>Ordinarization of Numerical Semigroups</i>

August 31, Wednesday				
9:10-10:00	Jacob Fox: <i>Graph regularity and removal lemmas</i>			
10:00-10:30	Coffee break			
	Lecture Room A	Lecture Room B	Lecture Room C	Lecture Room D
10:30-10:50	<b>Atsuhiko Nakamoto</b> and Ryuichi Mori: <i>Linear number of diagonal flips in triangulations on surfaces</i>	Rommel Barbosa, Erika Coelho, <b>Mitre Dourado</b> , Dieter Rautenbach and Jayme Szwarcfiter: <i>On the Carathéodory Number for the Convexity of Paths of Order Three</i>	<b>Marthe Bonamy</b> , Benjamin Lévêque and Alexandre Pinlou: <i>2-distance coloring of sparse graphs</i>	<b>Ángeles Carmona</b> , Enrique Bendito, Andrés M. Encinas and Margarida Mitjana: <i>On the Moore-Penrose inverse of distance-regular graphs</i>
10:55-11:15	Tobias Christ, Andrea Francke, <b>Heidi Gebauer</b> , Jiří Matoušek and Takeaki Uno: <i>A Doubly Exponentially Crumbled Cake</i>	<b>Cristina Araúz</b> , Ángeles Carmona, Andrés M. Encinas and Enrique Bendito: <i>The Kirchhoff Index of Cluster Networks</i>	<b>Gary MacGillivray</b> , André Raspaud and Jacobus Swarts: <i>Obstructions to Locally Injective Oriented Colourings</i>	<b>Marc Cámara</b> , Cristina Dalfó, Josep Fàbrega, Miquel Àngel Fiol and Ernest Garriga: <i>Edge-distance-regular graphs</i>
11:30-11:50	<b>Dieter Rautenbach</b> and Jayme Szwarcfiter: <i>Unit Interval Graphs - A Story with Open Ends</i>	Bartłomiej Bosek, Tomasz Krawczyk and <b>Grzegorz Matecki</b> : <i>Forbidden structures for efficient First-Fit chain partitioning</i>	<b>Sagnik Sen</b> : <i>2-dipath and oriented <math>L(2,1)</math>-labelings of some families of oriented planar graphs</i>	<b>David Hartman</b> and Dragan Mašulović: <i>Towards finite homomorphism-homogeneous relational structures</i>
11:55-12:15	Tobias Christ, Dömötör Pálvölgyi and <b>Miloš Stojaković</b> : <i>Digitalizing line segments</i>	<b>Marcin Gašiorek</b> and Daniel Simson: <i>Programming in PYTHON and an algorithmic description of positive wandering on one-peak posets</i>	<b>Mirka Miller</b> , Oudone Phanalasy and Joe Ryan: <i>All graphs have total antimagic labelings</i>	<b>Vasco Mano</b> , Enide Martins and Luís Vieira: <i>Feasibility Conditions on the Parameters of a Strongly Regular Graph</i>
12:15-14:00	Lunch break			
14:30-17:00	Celebration at the <b>Main Building of the Hungarian Academy of Sciences</b>			
	14:30 Celebration of the 70th birthday of Gyula O.H. Katona. This program includes greetings by József Pálincás – President of the Hungarian Academy of Sciences, Péter Pál Pálffy – Director of the Alfréd Rényi Institute of Mathematics and Domokos Szász – Vice President of the Hungarian Academy of Sciences.			
	15:00 A talk by Jerry Griggs honoring Gyuszi. The talk title is <i>Searching for Diamonds</i> .			
	15:45 Classical music concert by the Popper Quartett (cello quartett).			
	16:15 European Prize award celebration.			
	16:50 The Popper Quartett (cello quartett).			
19:00-	banquet on the sightseeing ship <i>Zsófia Főhercegnő</i>			

September 1, Thursday				
9:00-9:50	European Prize winner's talk I.			
9:55-10:45	European Prize winner's talk II.			
10:45-11:15	Coffee break			
	Lecture Room A	Lecture Room B	Lecture Room C	Lecture Room D
11:15-11:35	<b>Roman Glebov</b> , Yury Person and Wilma Weps: <i>On Extremal Hypergraphs for Hamiltonian Cycles</i>	<b>Richard Anstee</b> , Miguel Raggi and Attila Sali: <i>Forbidden Configurations: Boundary Cases</i>	Edita Máčajová and <b>Edita Rollová</b> : <i>On the flow numbers of signed complete and complete bipartite graphs</i>	Tomoki Nakamigawa and <b>Norihide Tokushige</b> : <i>Counting lattice paths via a cycle lemma</i>
11:40-12:00	Kim Marshall, Mirka Miller and <b>Joe Ryan</b> : <i>Extremal Graphs without Cycles of Length 8 or Less</i>	Zoltán Füredi, <b>Ida Kantor</b> , Angelo Monti and Blerina Sinimeri: <i>Reverse-free codes and permutations</i>	<b>Delia Garijo</b> , Andrew Goodall and Jaroslav Nešetřil: <i>Contractors for flows</i>	<b>Michael Drmota</b> and Marc Noy: <i>Universal exponents and tail estimates in the enumeration of planar maps</i>
12:05-12:25	<b>Enno Buß</b> , Hiệp Hàn and Mathias Schacht: <i>Minimum vertex degree conditions for loose Hamilton cycles in 3-uniform hypergraphs</i>	<b>János Körner</b> , Silvia Messuti and Gábor Simonyi: <i>Families of Very Different Paths</i>	Edita Máčajová and <b>Martin Škoviera</b> : <i>Determining the flow numbers of signed eulerian graphs</i>	<b>Hsun-Wen Chang</b> and Siang-Ning Zeng: <i>Enumeration of RNA Hairpins and Cloverleaves</i>
12:25-14:00	Lunch break			
14:00-14:50	Ken-ichi Kawarabayashi: <i>What makes 4-edge-connected graphs so special??</i>			
14:50-15:20	Coffee break			
	Lecture Room A	Lecture Room B	Lecture Room C	Lecture Room D
15:20-15:40	<b>Antoni Lozano</b> : <i>Symmetry Breaking in Tournaments</i>	Giuseppe O. Longo and <b>Andrea Sgarro</b> : <i>Unruly codes with unruly distances raise (combinatorial) problems</i>	<b>Zoltán Király</b> : <i>Monochromatic components in edge-colored complete uniform hypergraphs</i>	<b>Athanassios Koutsonas</b> , Koichi Yamazaki and Dimitrios Thilikos: <i>Outerplanar Obstructions for Matroid Pathwidth</i>
15:45-16:05	<b>Deryk Osthus</b> , Daniela Kühn and Richard Mycroft: <i>A proof of Sumner's universal tournament conjecture for large tournaments</i>	<b>Alexander Sapozhenko</b> : <i>Upper bound for the number of perfect <math>(n, 3)</math>-codes</i>	<b>Robert Šamal</b> : <i>New approach to Petersen coloring</i>	<b>Kolja Knauer</b> , Juan José Montellano-Ballesteros and Ricardo Strausz: <i>A graph-theoretical axiomatization of oriented matroids</i>
16:20-16:40	Camino Balbuena and <b>Julián Salas</b> : <i>New results on connectivity of cages</i>	<b>Florent Foucaud</b> , Sylvain Gravier, Reza Naserasr, Aline Parreau and Petru Valicov: <i>Edge identifying codes</i>	<b>Peter Whalen</b> : <i>Three coloring planar graphs without cycles of length from 4 to 6 or seven cycles with close triangles</i>	Elad Aigner-Horev, Reinhard Diestel and <b>Luke Postle</b> : <i>Decomposing infinite matroids into their 3-connected minors</i>
16:45-17:05	<b>Shinya Fujita</b> and Ken-ichi Kawarabayashi: <i>High connectivity keeping connected subgraph</i>	<b>Ingo Schiermeyer</b> , Maria Koch and Stephan Matos Camacho: <i>Algorithmic approaches for the minimum rainbow subgraph problem</i>	Anastasia Rozovskaya and <b>Dmitry Shabanov</b> : <i>On colorings of non-uniform hypergraphs without short cycles</i>	Petr Golovach, Marcin Kamiński, <b>Daniël Paulusma</b> and Dimitrios Thilikos: <i>Lift contractions</i>
17:15-17:45	DIMATIA business meeting			

September 2, Friday				
9:10-10:00	Aart Blokhuis: <i>The structure of Generalized Kneser graphs</i>			
10:00-10:30	Coffee break			
	Lecture Room A	Lecture Room B	Lecture Room C	Lecture Room D
10:30-10:50	Carlos Hoppen, Yoshiharu Kohayakawa and <b>Hanno Lefmann</b> : <i>Edge colorings of graphs avoiding some fixed monochromatic subgraph with linear Turán number</i>	Arash Asadi and <b>Spencer Backman</b> : <i>Chip-Firing and Riemann-Roch Theory for Directed Graphs</i>	Pablo Soberón and <b>Ricardo Strausz</b> : <i>On Tverberg's Theorem</i>	Márcia R. Cerioli, Hugo Nobrega and <b>Petrucio Viana</b> : <i>On characterizations by nice forbidding sets</i>
10:55-11:15	Raquel Águeda, <b>Valentin Borozan</b> , Marina Groshaus, Gervais Mendy, Yannis Manoussakis and Leandro Montero: <i>Proper Hamiltonian Paths in Edge-Colored Multigraphs</i>	<b>Gyula Y. Katona</b> and Nándor Sieben: <i>Bounds on the Rubbling and Optimal Rubbling Numbers of Graphs</i>	<b>Gadi Aleksandrowicz</b> and Gill Barequet: <i>The Growth Rate of High-Dimensional Tree Polycubes</i>	<b>Nestor Nestoridis</b> and Dimitrios Thilikos: <i>Square Roots of Minor Closed Graph Classes</i>
11:30-11:50	<b>Guillem Perarnau</b> and Oriol Serra: <i>Rainbow Matchings: existence and counting</i>	<b>Antal Iványi</b> and János Madarász: <i>Perfect hypercubes</i>	<b>Vladimir Shlyk</b> : <i>Vertex Structure of Master Corner Polyhedra</i>	Arash Asadi, <b>Luke Postle</b> and Robin Thomas: <i>Minor-Minimal Non-Projective Planar Graphs with an Internal 3-Separation</i>
11:55-12:15	<b>Subramanya Bharadwaj</b> , Sathish Govindarajan and Karmveer Sharma: <i>On the Erdős-Szekeres <math>n</math>-interior point problem</i>	Ilia Averbouch, <b>Tomer Kotek</b> , Johann A. Makowsky and Elena V. Ravve: <i>The Universal Edge Elimination Polynomial and the Dichromatic Polynomial</i>	<b>Edward Kim</b> : <i>Polyhedral graph abstractions and an approach to the Linear Hirsch Conjecture</i>	Hervé Hocquard and <b>Mickaël Montassier</b> : <i>Adjacent vertex-distinguishing edge coloring of graphs with maximum degree at least five</i>
12:15-14:00	Lunch break			
14:00-14:50	József Balogh: <i>On the Ramsey-Turán numbers of graphs and hypergraphs</i>			
14:50-15:25	Coffee break			
	Lecture Room A	Lecture Room B	Lecture Room C	Lecture Room D
15:25-15:45	<b>Marthe Bonamy</b> , Matthew Johnson, Ioannis Lignos, Viresh Patel and Daniël Paulusma: <i>On the diameter of reconfiguration graphs for vertex colourings</i>	<b>Kazuyuki Amano</b> : <i>On Extremal <math>k</math>-CNF Formulas</i>		<b>Susanna de Rezende</b> , Cristina Fernandes, Daniel Martin and Yoshiko Wakabayashi: <i>Intersection of Longest Paths in a Graph</i>
15:50-16:10	Richard Wilson and <b>Tony Wong</b> : <i>Diagonal forms for incidence matrices and zero-sum Ramsey theory</i>	Uwe Leck and <b>Ian Roberts</b> : <i>Minimizing the weight of the union-closure of uniform families of <math>i</math>-sets</i>	Colin McDiarmid and <b>Tobias Müller</b> : <i>Counting disk graphs</i>	L. Sunil Chandran, Anita Das, <b>Deepak Rajendraprasad</b> and Nithin M. Varma: <i>Rainbow Connection Number and Connected Dominating Sets</i>
16:15-16:35		<b>Sang-il Oum</b> : <i>Rank-width and Well-quasi-ordering of Skew-Symmetric or Symmetric Matrices</i>	<b>Maria Axenovich</b> and Lale Özkahya: <i>On homometric sets in graphs</i>	