

Friday, 04 November 2016

- 09:00 - 09:05** *Opening*
- 09:05 - 10:00** **Xuding Zhu** (Zhejiang Normal University)
“Defective online list colouring of planar graphs”
- 10:00 - 10:30** *Coffee break*
- 10:30 - 12:05** **Parallel sessions**
- 12:05 - 13:15** *Lunch*
- 13:15 - 14:50** **Parallel sessions**
- 14:50 - 15:20** *Coffee break*
- 15:20 - 16:15** **Kathrin Klamroth** (Universität Wuppertal)
“Multiobjective combinatorial optimization”
- 16:15 - 16:25** *Short break*
- 16:25 - 17:20** **Ingo Schiermeyer** (TU Bergakademie Freiberg)
“On the chromatic number of $2K_2$ -free graphs”
- 19:00** *Dinner at Bobberts* (Neuer Platz 3, Downtown Paderborn)

Saturday, 05 November 2016

- 08:50 - 10:00** **Parallel sessions**
- 10:00 - 10:30** *Coffee break*
- 10:30 - 12:05** **Parallel sessions**
- 12:05 - 13:15** *Lunch*
- 13:15 - 14:10** **Patric R. J. Östergård** (Aalto University)
“There is no $(4, 27, 2)$ partial geometry”
- 14:10 - 14:40** *Coffee break*
- 14:40 - 15:35** **Peter Bürgisser** (Technische Universität Berlin)
“No occurrence obstructions in geometric complexity theory”
- 15:35 - 15:40** *Farewell*

Detailed program on Friday, 04 November 2016

Time	Section I Room: A	Section II Room: B	Section III Room: D
09:00 - 09:05	<i>Opening</i>		
09:05 - 10:00	Xuding Zhu Defective online list colouring of planar graphs Room: A		
10:00 - 10:30	<i>Coffee break</i>		
10:30 - 10:50	C. Zamfirescu 1 Planar hypohamiltonian graphs	K. Jansen 2 Closing the gap for makespan scheduling via sparsification techniques	C. Ikenmeyer 3 New inequalities between plethysm coefficients and Kronecker coefficients via geometric complexity theory
10:55 - 11:15	N. Van Cleemput 4 On the number of hamiltonian cycles in triangulations with few separating triangles	M. Rau 5 Improved approximation for two dimensional strip packing with polynomial bounded width	S. Li 6 Fixed parameter parallel tractable problems
11:20 - 11:40	D. Mourisse 7 An isomorphism check for nanojoins	S. D. Andres 8 Game-perfect digraphs	C. Deppe 9 Adaptive two-sided search
11:45 - 12:05	M. Schubert 10 Circular flows on signed graphs	M. Sonntag 11 Niche hypergraphs of products of digraphs	D. Frettlöh 12 Noncongruent equidissections of the plane
12:05 - 13:15	<i>Lunch</i>		
13:15 - 13:35	H. Harborth 13 Matchstick graphs	W. Hochstättler 14 Sticky matroids and Kantor's conjecture	Ch. Günther 15 Merit factors of sequences derived from cyclotomy and difference sets
13:40 - 14:00	H. Schrezenmaier 16 Homothetic triangle contact representations	M. Wilhelmi 17 Hypermodular matroids	A. Pott 18 Functions on finite fields with many bent components
14:05 - 14:25	M. Marangio 19 Bounds for the sum choice number of graphs	P. Tittmann 20 Neighborhood oriented graph polynomials	K. Tabak 21 Normalized tiling conjecture, general abelian case
14:30 - 14:50	T. Schweser 22 Degree choosable signed graphs	M. Ghebleh 23 Ordering trees consisting of three paths according to closed walk counts	D. Dumičić Danilović 24 Application of a genetic algorithm on block designs
14:50 - 15:20	<i>Coffee break</i>		
15:20 - 16:15	Kathrin Klamroth Multiobjective combinatorial optimization Room: A		
16:15 - 16:25	<i>Short break</i>		
16:25 - 17:20	Ingo Schiermeyer On the chromatic number of $2K_2$ -free graphs Room: A		

Detailed program on Saturday, 05 November 2016

Time	Section I Room: A	Section II Room: B	Section III Room: D
08:50 - 09:10	J. Rollin 25 Chromatic number of ordered graphs with forbidden ordered subgraphs	P. Micek 26 Planar posets have dimension linear in height	M. Maksimović 27 Construction of codes from orbit matrices of strongly regular graphs
09:15 - 09:35	E. Rollová 28 Perfect matchings of \mathbb{Z}_2 -weighted regular bipartite graphs	I. Albrecht 29 Persistent violations in non-persistent gammoids.	Y. Zhou 30 On kernels and nuclei of rank metric codes
09:40 - 10:00	M. Surmacs 31 Improved bound on the oriented diameter of graphs	L. Sheet 32 The perfect algorithm for generating permutation	U. Tamm 33 Codes in the Shannon sphere and zero-error capacity
10:00 - 10:30	<i>Coffee break</i>		
10:30 - 10:50	E. Lock 34 A characterisation of g_B -perfect graphs	A. Fischer 35 Matroid optimisation problems with a set of upward complete monomials	E. Triesch 36 On competitive combinatorial group testing
10:55 - 11:15	T. Lange 37 Graph splitting for k -edge connected reliability	F. Fischer 38 Matroid optimisation problems with nested non-linear monomials in the objective function	S. Jäger 39 Relating domination, exponential domination, and porous exponential domination
11:20 - 11:40	A. Behmaram 40 Perfect matchings in fullerene and m -generalized fullerene	Y. Zhu 41 A characterization of affine oriented matroid	R. Scheidweiler 42 Polynomials and the Erdős multiplication table problem
11:45 - 12:05	S. Pirzada 43 On the sum of signless Laplacian eigenvalues of a graph	Th. Böhme 44 Graph metrics and crossing numbers	L. Jin 45 Cores, joins and the Fano-flow conjectures
12:05 - 13:15	<i>Lunch</i>		
13:15 - 14:10	Patric R. J. Östergård There is no $(4, 27, 2)$ partial geometry		Room: A
14:10 - 14:40	<i>Coffee break</i>		
14:40 - 15:35	Peter Bürgisser No occurrence obstructions in geometric complexity theory		Room: A
15:35 - 15:40	<i>Farewell</i>		